NEWFIELD

Route #3 Box 3630
Myton, Utah 84052
(435) 646-4825, FAX: (435) 646-3031

November 20, 2008

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Mason
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill
Wells Draw State N-32-8-16
Beluga State Q-17-9-17
Castle Draw State N-2-9-17

Dear Diana:

Enclosed find APD's on the above referenced wells. Please Contact Dave Allred to set up an On-Site date for these three proposed APD's. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures
cc: SITLA

RECEIVED
NOV 24 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: ML-45555	6. SURFACE: State
7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA	
8. UNIT or CA AGREEMENT NAME: Wells Draw	
9. WELL NAME and NUMBER: Wells Draw State N-32-8-16	
10. FIELD AND POOL, OR WILDCAT: Monument Butte	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 32 8S 16E	
12. COUNTY: Duchesne	13. STATE: UTAH

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

B. TYPE OF WELL: OIL ☑ GAS ☐ OTHER _____ SINGLE ZONE ☑ MULTIPLE ZONE ☐

2. NAME OF OPERATOR: Newfield Production Company

3. ADDRESS OF OPERATOR: Route #3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER: (435) 646-3721

4. LOCATION OF WELL (FOOTAGES) 572553X 4435904Y 40.072172 -110.149165
AT SURFACE: NW/SW 1809' FSL 788' FWL
AT PROPOSED PRODUCING ZONE: 2509' FSL 1340' FWL
572719X 4436120Y 40.074098 -110.147189

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 10.2 miles southwest of Myton, Utah

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): Approx, 1340' f/lse line, 1340' f/unit line	16. NUMBER OF ACRES IN LEASE: 640.00 acres	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 20 acres
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): Approx. 1278'	19. PROPOSED DEPTH: 6486 MD TVD - 6415 ~~6,395~~	20. BOND DESCRIPTION: Hartford Accident #4471291
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5748' GL	22. APPROXIMATE DATE WORK WILL START: 1st Qrtr. 2009	23. ESTIMATED DURATION: (7) days from SPUD to rig release

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12 1/4	8 5/8	J-55	24.0	300	Class G w/2% CaCl	155 sx +/-	1.17	15.8
7 7/8	5 1/2	J-55	15.5	6415 ~~6,395~~	Lead(Prem Lite II)	275 sx +/-	~~3.26~~	~~11.0~~
					Tail (50/50 Poz)	450 sx +/-	1.24	14.3

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist

SIGNATURE Mandie Crozier DATE 11/20/08

(This space for State use only)

API NUMBER ASSIGNED: 43-013-34146

Approved by the
Utah Division of
Oil, Gas and Mining

APPROVAL:

Date: 01-22-09

(See Instructions on Reverse Side)

By:

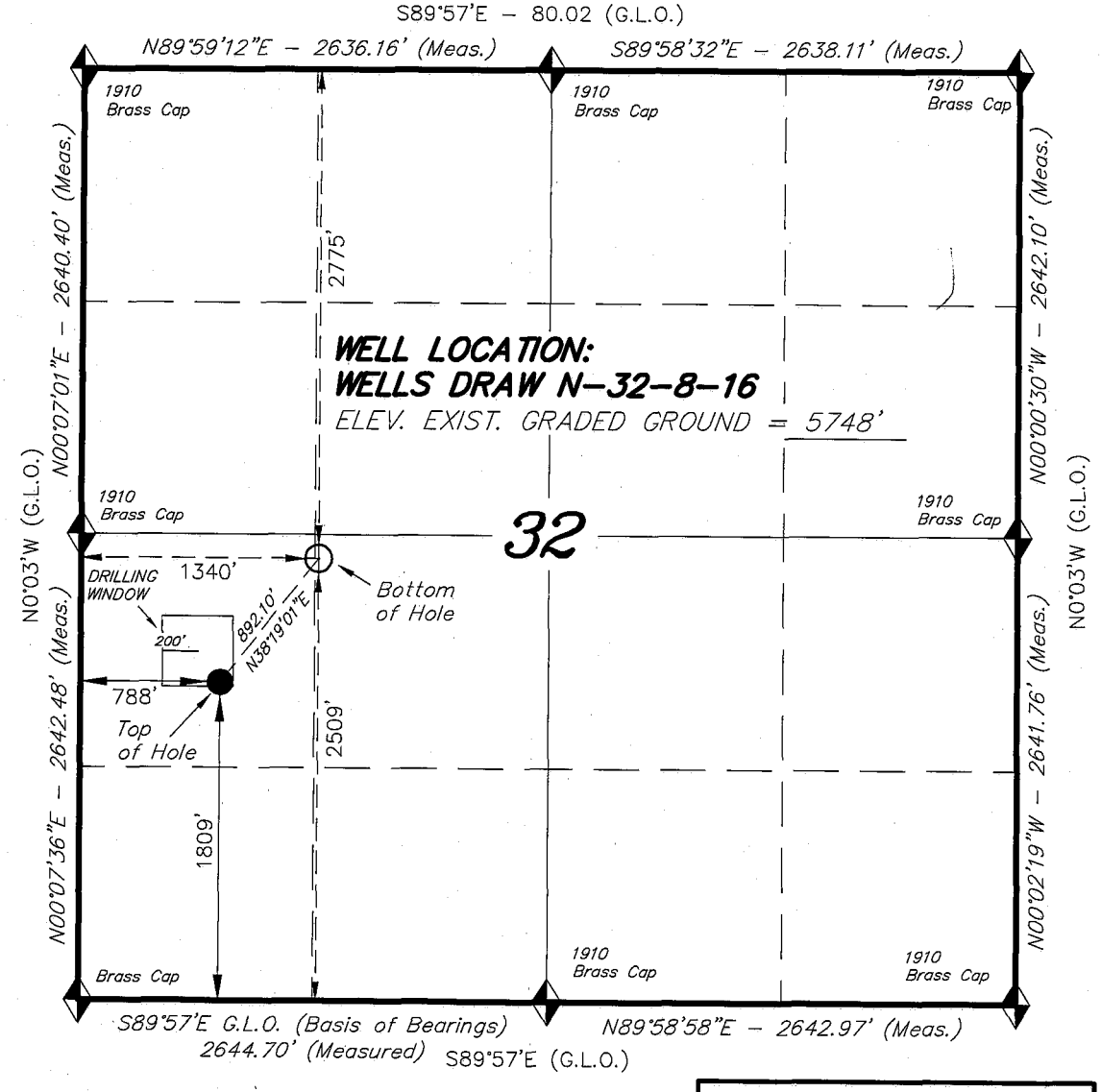
RECEIVED
NOV 24 2008
DIV. OF OIL, GAS & MINING

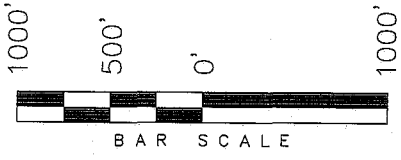
(11/2001)

T8S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, WELLS DRAW N-32-8-16, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 OF SECTION 32, T8S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.





THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No.189377 STATE OF UTAH

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

WELLS DRAW N-32-8-16
(Surface Location) NAD 83
LATITUDE = 40° 04' 19.70"
LONGITUDE = 110° 08' 59.68"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 10-14-08	SURVEYED BY: T.C.
DATE DRAWN: 10-15-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
WELLS DRAW STATE N-32-8-16
NW/SW SECTION 32, T8S, R16E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 – 1725'
Green River	1725'
Wasatch	~~6395'~~ 6415

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1725' – 6395' – Oil

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO_3) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM:**

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 290' (New)
Production Casing:5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ±350 feet will be drilled with an air/mist system. From about 350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite.

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 290' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the first quarter of 2009, and take approximately seven (7) days from spud to rig release.

NEWFIELD PRODUCTION COMPANY
WELLS DRAW STATE N-32-8-16
NW/SW SECTION 32, T8S, R16E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. **EXISTING ROADS**

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site Wells Draw State N-32-8-16 located in the NW ¼ SW ¼ Section 32, T8S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles ± to the junction of this highway and UT State Hwy 53; proceed southwesterly – 8.7 miles ± to it's junction with an existing road to the southwest; proceed southwesterly – 0.1 miles ± to the beginning of the access road to the existing State 13-32-8-16 well location.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. **PLANNED ACCESS ROAD**

The is no proposed access road for this location. The proposed well will be drilled off of the existing State 13-32-8-16 well pad. See attached **Topographic Map "B"**.

There will be no new gates or cattle guards required.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

The proposed well will be drilled directionally off of the existing State 13-32-8-16 well pad.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Wells Draw State N-32-8-16 will be drilled off of the existing State 13-32-8-16 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. A 16 mil liner with felt will be required. Newfield requests approval that a flare pit be constructed and utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.

b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times

d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Wells Draw State N-32-8-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Wells Draw State N-32-8-16 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**

Representative

Name: Dave Allred
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #N-32-8-16, NW/SW Section 32, T8S, R16E, LEASE #ML-21836, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4471291.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

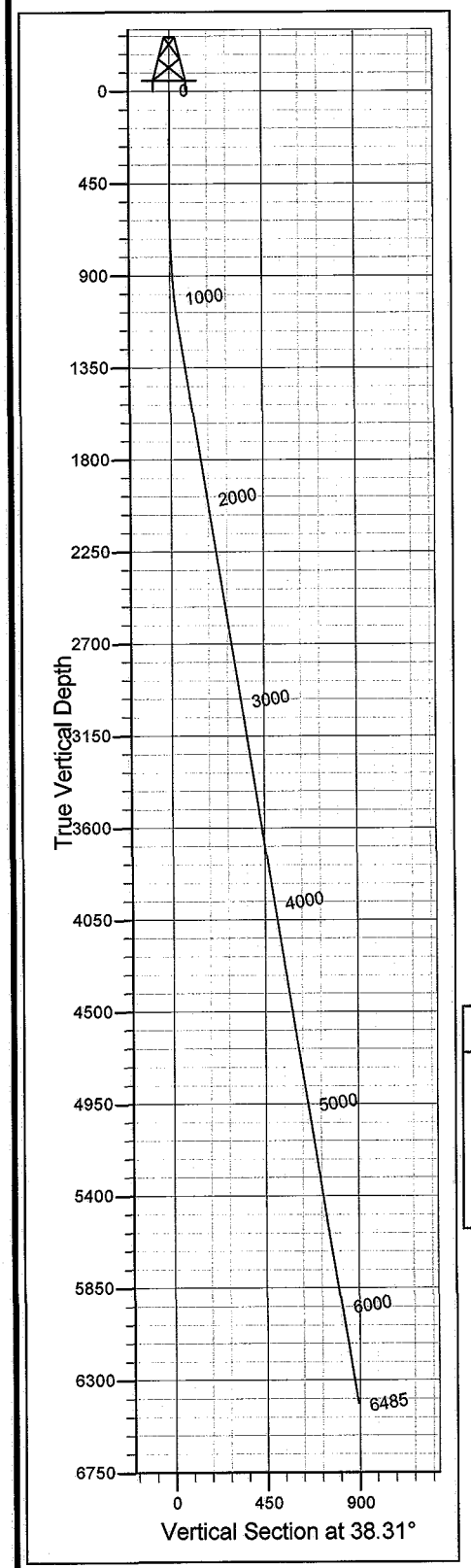
11/20/08
Date

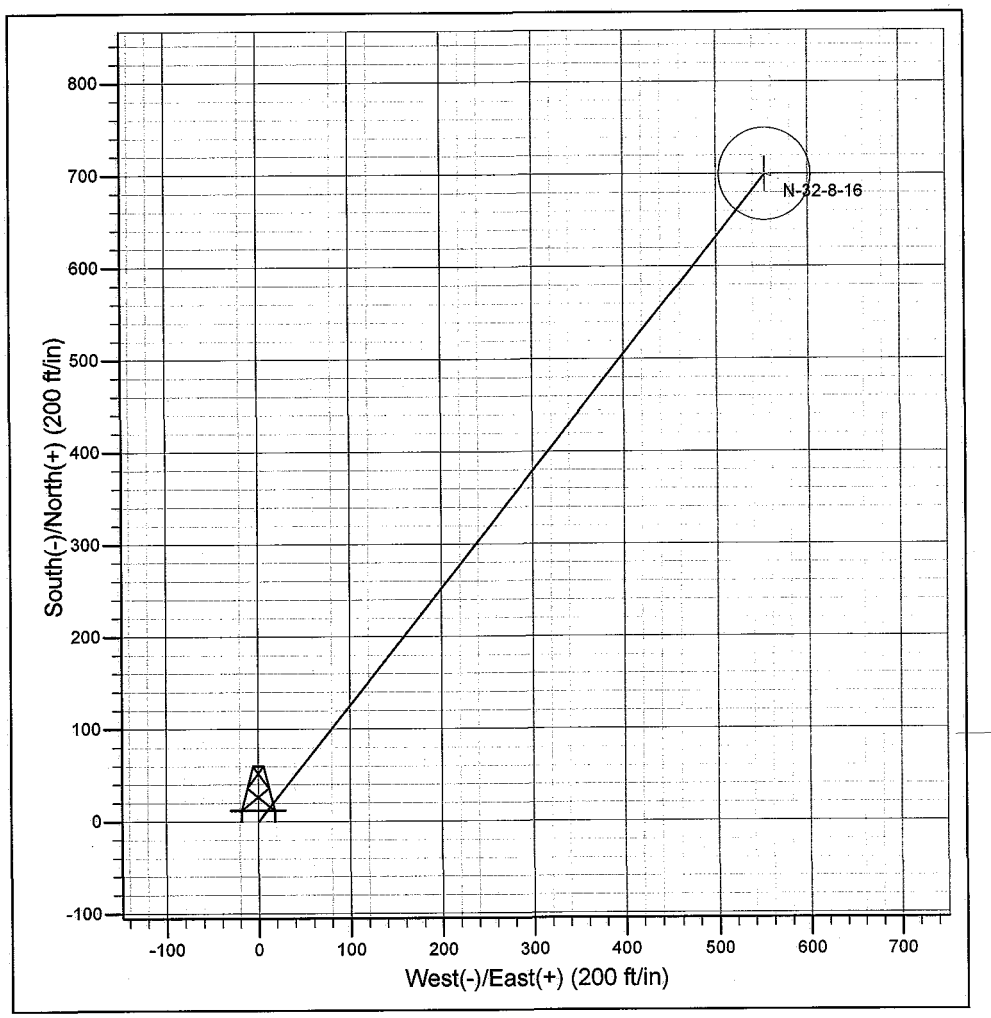
Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD
ROCKY MOUNTAINS

Newfield Production Company

Project: Monument Butte
Site: Wells Draw N-32-8-16
Well: Wells Draw N-32-8-16
Wellbore: Wellbore #1
Design: Design #1



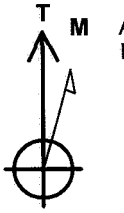


SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1213.4	9.20	38.31	1210.7	38.6	30.5	1.50	38.31	49.1	
4	6485.5	9.20	38.31	6415.0	700.0	553.0	0.00	0.00	892.1	N-32-8-16

PROJECT DETAILS: Monument Butte

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone
System Datum: Mean Sea Level



Azimuths to True North
Magnetic North: 11.67°

Magnetic Field
Strength: 52551.5snT
Dip Angle: 65.87°
Date: 11/19/2008
Model: IGRF200510

Created by: Hans Wychgram

Date: 11-19-2008

NEWFIELD
ROCKY MOUNTAINS

Newfield Production Company
Planning Report

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well Wells Draw N-32-8-16
Company:	Newfield Production Company	**TVD Reference:**	RKB @ 5760.0ft (NDSI #2)
Project:	Monument Butte	**MD Reference:**	RKB @ 5760.0ft (NDSI #2)
Site:	Wells Draw N-32-8-16	**North Reference:**	True
Well:	Wells Draw N-32-8-16	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	Monument Butte		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Wells Draw N-32-8-16				
Site Position:		**Northing:**	2,193,909.64 m	**Latitude:**	40° 4' 19.700 N
From:	Lat/Long	**Easting:**	615,152.84 m	**Longitude:**	110° 8' 59.680 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	in	**Grid Convergence:**	0.86 °

Well	Wells Draw N-32-8-16					
Well Position	**+N/-S**	0.0 ft	**Northing:**	2,193,909.64 m	**Latitude:**	40° 4' 19.700 N
	+E/-W	0.0 ft	**Easting:**	615,152.84 m	**Longitude:**	110° 8' 59.680 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,748.0 ft

Wellbore	Wellbore #1				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	11/19/2008	11.67	65.87	52,552

Design	Design #1				
Audit Notes:					
Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**	
	0.0	0.0	0.0	38.31	

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,213.4	9.20	38.31	1,210.7	38.6	30.5	1.50	1.50	0.00	38.31	
6,485.5	9.20	38.31	6,415.0	700.0	553.0	0.00	0.00	0.00	0.00	N-32-8-16

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well Wells Draw N-32-8-16
Company:	Newfield Production Company	**TVD Reference:**	RKB @ 5760.0ft (NDSI #2)
Project:	Monument Butte	**MD Reference:**	RKB @ 5760.0ft (NDSI #2)
Site:	Wells Draw N-32-8-16	**North Reference:**	True
Well:	Wells Draw N-32-8-16	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	38.31	700.0	1.0	0.8	1.3	1.50	1.50	0.00
800.0	3.00	38.31	799.9	4.1	3.2	5.2	1.50	1.50	0.00
900.0	4.50	38.31	899.7	9.2	7.3	11.8	1.50	1.50	0.00
1,000.0	6.00	38.31	999.3	16.4	13.0	20.9	1.50	1.50	0.00
1,100.0	7.50	38.31	1,098.6	25.6	20.3	32.7	1.50	1.50	0.00
1,200.0	9.00	38.31	1,197.5	36.9	29.2	47.0	1.50	1.50	0.00
1,213.4	9.20	38.31	1,210.7	38.6	30.5	49.1	1.50	1.50	0.00
1,300.0	9.20	38.31	1,296.3	49.4	39.1	63.0	0.00	0.00	0.00
1,400.0	9.20	38.31	1,395.0	62.0	49.0	79.0	0.00	0.00	0.00
1,500.0	9.20	38.31	1,493.7	74.5	58.9	95.0	0.00	0.00	0.00
1,600.0	9.20	38.31	1,592.4	87.1	68.8	111.0	0.00	0.00	0.00
1,700.0	9.20	38.31	1,691.1	99.6	78.7	126.9	0.00	0.00	0.00
1,800.0	9.20	38.31	1,789.8	112.2	88.6	142.9	0.00	0.00	0.00
1,900.0	9.20	38.31	1,888.5	124.7	98.5	158.9	0.00	0.00	0.00
2,000.0	9.20	38.31	1,987.2	137.3	108.4	174.9	0.00	0.00	0.00
2,100.0	9.20	38.31	2,086.0	149.8	118.3	190.9	0.00	0.00	0.00
2,200.0	9.20	38.31	2,184.7	162.3	128.3	206.9	0.00	0.00	0.00
2,300.0	9.20	38.31	2,283.4	174.9	138.2	222.9	0.00	0.00	0.00
2,400.0	9.20	38.31	2,382.1	187.4	148.1	238.9	0.00	0.00	0.00
2,500.0	9.20	38.31	2,480.8	200.0	158.0	254.9	0.00	0.00	0.00
2,600.0	9.20	38.31	2,579.5	212.5	167.9	270.9	0.00	0.00	0.00
2,700.0	9.20	38.31	2,678.2	225.1	177.8	286.8	0.00	0.00	0.00
2,800.0	9.20	38.31	2,777.0	237.6	187.7	302.8	0.00	0.00	0.00
2,900.0	9.20	38.31	2,875.7	250.2	197.6	318.8	0.00	0.00	0.00
3,000.0	9.20	38.31	2,974.4	262.7	207.6	334.8	0.00	0.00	0.00
3,100.0	9.20	38.31	3,073.1	275.3	217.5	350.8	0.00	0.00	0.00
3,200.0	9.20	38.31	3,171.8	287.8	227.4	366.8	0.00	0.00	0.00
3,300.0	9.20	38.31	3,270.5	300.4	237.3	382.8	0.00	0.00	0.00
3,400.0	9.20	38.31	3,369.2	312.9	247.2	398.8	0.00	0.00	0.00
3,500.0	9.20	38.31	3,467.9	325.4	257.1	414.8	0.00	0.00	0.00
3,600.0	9.20	38.31	3,566.7	338.0	267.0	430.7	0.00	0.00	0.00
3,700.0	9.20	38.31	3,665.4	350.5	276.9	446.7	0.00	0.00	0.00
3,800.0	9.20	38.31	3,764.1	363.1	286.8	462.7	0.00	0.00	0.00
3,900.0	9.20	38.31	3,862.8	375.6	296.8	478.7	0.00	0.00	0.00
4,000.0	9.20	38.31	3,961.5	388.2	306.7	494.7	0.00	0.00	0.00
4,100.0	9.20	38.31	4,060.2	400.7	316.6	510.7	0.00	0.00	0.00
4,200.0	9.20	38.31	4,158.9	413.3	326.5	526.7	0.00	0.00	0.00
4,300.0	9.20	38.31	4,257.7	425.8	336.4	542.7	0.00	0.00	0.00
4,400.0	9.20	38.31	4,356.4	438.4	346.3	558.7	0.00	0.00	0.00
4,500.0	9.20	38.31	4,455.1	450.9	356.2	574.6	0.00	0.00	0.00
4,600.0	9.20	38.31	4,553.8	463.5	366.1	590.6	0.00	0.00	0.00
4,700.0	9.20	38.31	4,652.5	476.0	376.1	606.6	0.00	0.00	0.00
4,800.0	9.20	38.31	4,751.2	488.5	386.0	622.6	0.00	0.00	0.00
4,900.0	9.20	38.31	4,849.9	501.1	395.9	638.6	0.00	0.00	0.00
5,000.0	9.20	38.31	4,948.7	513.6	405.8	654.6	0.00	0.00	0.00
5,100.0	9.20	38.31	5,047.4	526.2	415.7	670.6	0.00	0.00	0.00
5,200.0	9.20	38.31	5,146.1	538.7	425.6	686.6	0.00	0.00	0.00

Database:	EDM 2003.21 Single User Db	**Local Co-ordinate Reference:**	Well Wells Draw N-32-8-16
Company:	Newfield Production Company	**TVD Reference:**	RKB @ 5760.0ft (NDSI #2)
Project:	Monument Butte	**MD Reference:**	RKB @ 5760.0ft (NDSI #2)
Site:	Wells Draw N-32-8-16	**North Reference:**	True
Well:	Wells Draw N-32-8-16	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.0	9.20	38.31	5,244.8	551.3	435.5	702.6	0.00	0.00	0.00
5,400.0	9.20	38.31	5,343.5	563.8	445.4	718.5	0.00	0.00	0.00
5,500.0	9.20	38.31	5,442.2	576.4	455.3	734.5	0.00	0.00	0.00
5,600.0	9.20	38.31	5,540.9	588.9	465.3	750.5	0.00	0.00	0.00
5,700.0	9.20	38.31	5,639.6	601.5	475.2	766.5	0.00	0.00	0.00
5,800.0	9.20	38.31	5,738.4	614.0	485.1	782.5	0.00	0.00	0.00
5,900.0	9.20	38.31	5,837.1	626.6	495.0	798.5	0.00	0.00	0.00
6,000.0	9.20	38.31	5,935.8	639.1	504.9	814.5	0.00	0.00	0.00
6,100.0	9.20	38.31	6,034.5	651.6	514.8	830.5	0.00	0.00	0.00
6,200.0	9.20	38.31	6,133.2	664.2	524.7	846.5	0.00	0.00	0.00
6,300.0	9.20	38.31	6,231.9	676.7	534.6	862.4	0.00	0.00	0.00
6,400.0	9.20	38.31	6,330.6	689.3	544.6	878.4	0.00	0.00	0.00
6,485.5	9.20	38.31	6,415.0	700.0	553.0	892.1	0.00	0.00	0.00

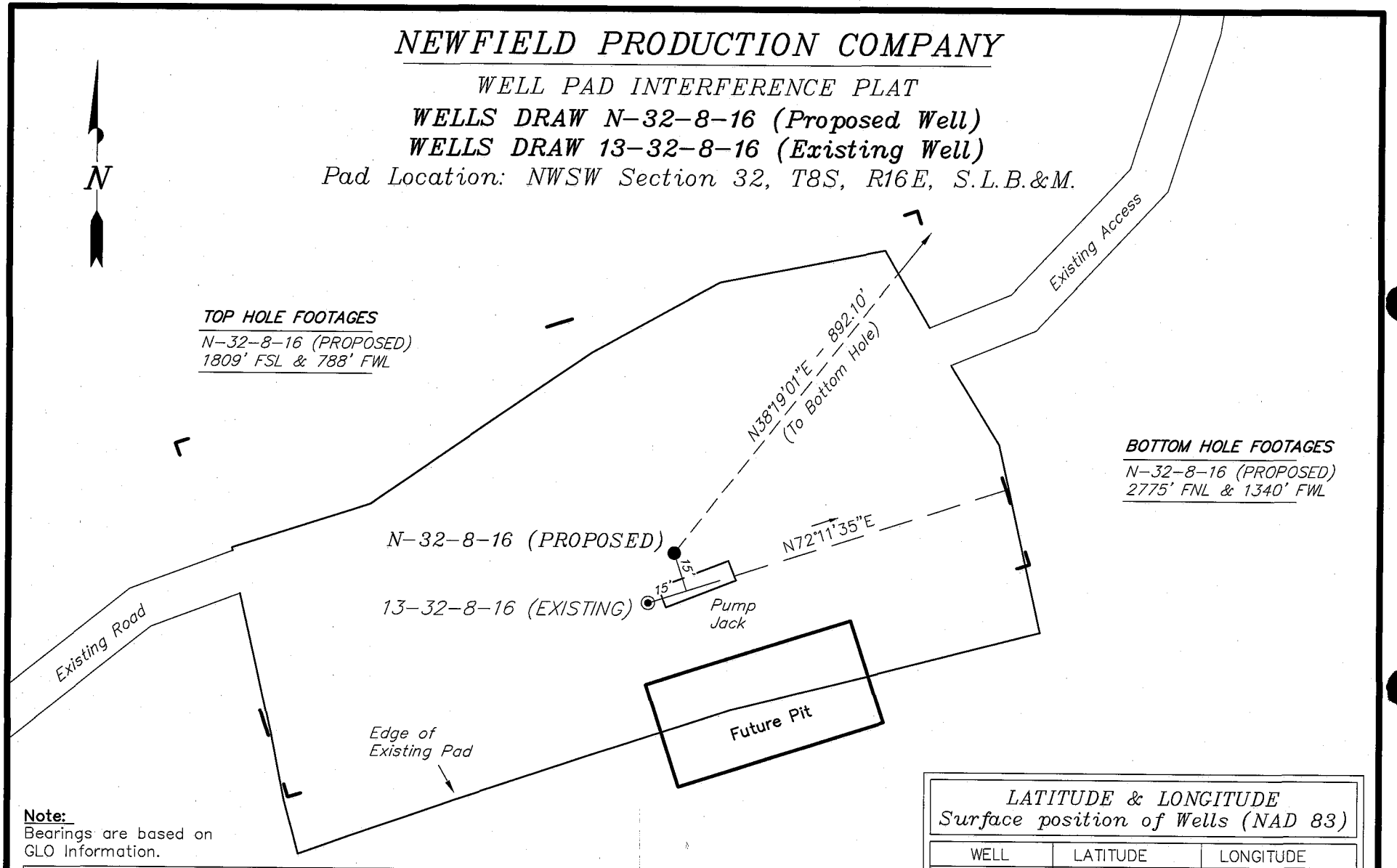
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

WELLS DRAW N-32-8-16 (Proposed Well)

WELLS DRAW 13-32-8-16 (Existing Well)

Pad Location: NWSW Section 32, T8S, R16E, S.L.B.&M.



Note:
Bearings are based on GLO Information.

RELATIVE COORDINATES
From top hole to bottom hole

WELL	NORTH	EAST
N-32-8-16	700'	553'

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
N-32-8-16	40° 04' 19.70"	110° 08' 59.68"
13-32-8-16	40° 04' 19.52"	110° 08' 59.81"

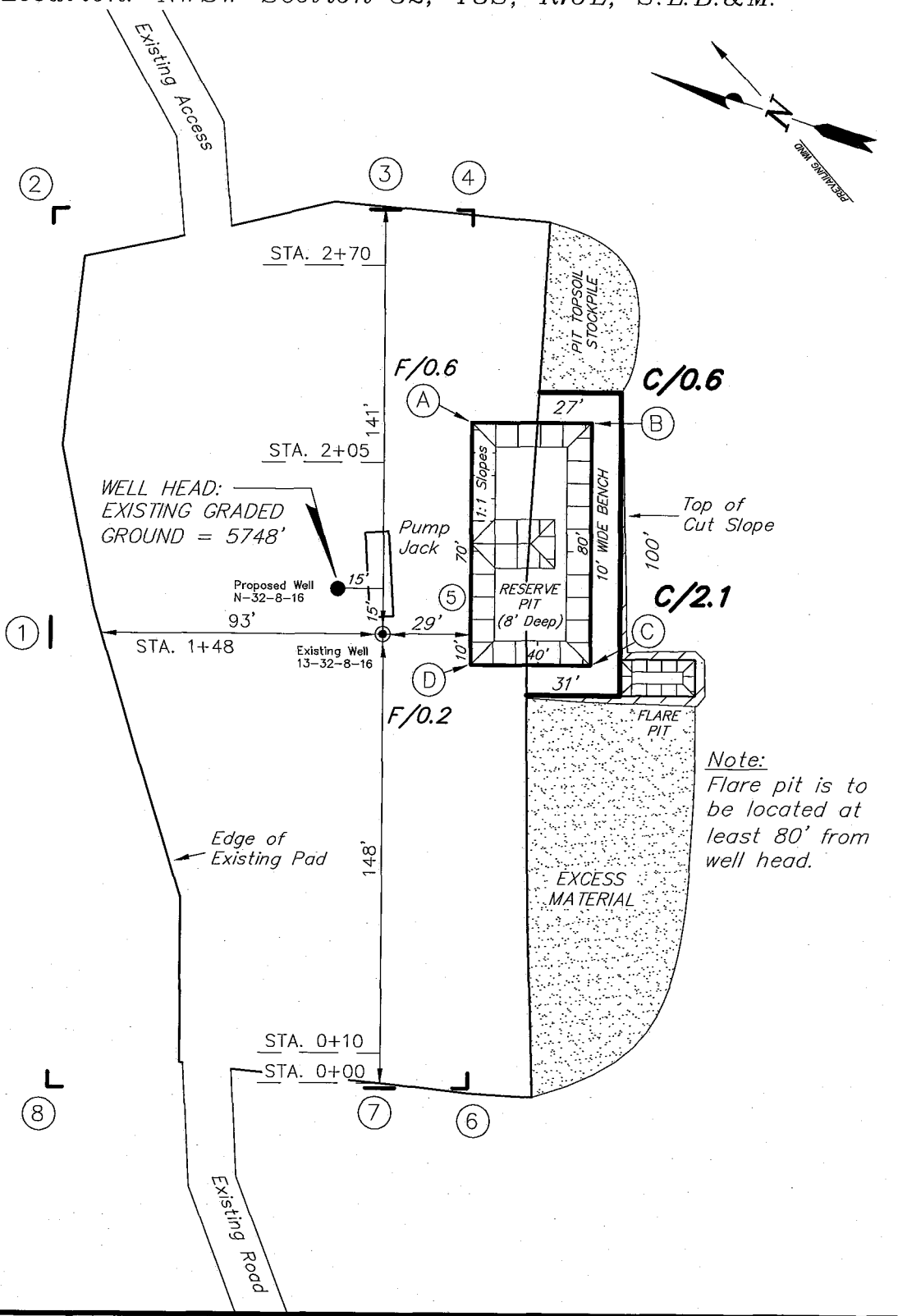
SURVEYED BY:	T.C.	DATE SURVEYED:	10-14-08
DRAWN BY:	F.T.M.	DATE DRAWN:	10-15-08
SCALE:	1" = 50'	REVISED:	

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

WELLS DRAW N-32-8-16 (Proposed Well)
WELLS DRAW 13-32-8-16 (Existing Well)

Pad Location: NWSW Section 32, T8S, R16E, S.L.B.&M.



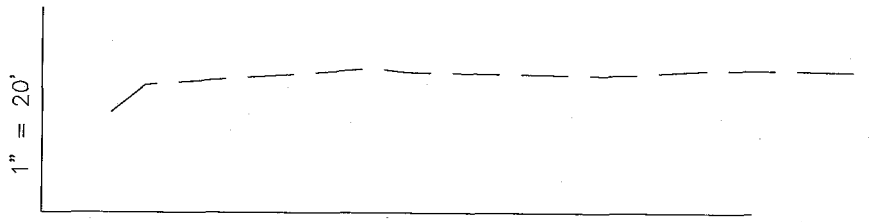
Note:
Flare pit is to be located at least 80' from well head.

SURVEYED BY: T.C.	DATE SURVEYED:	10-14-08	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN:	10-15-08	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:		

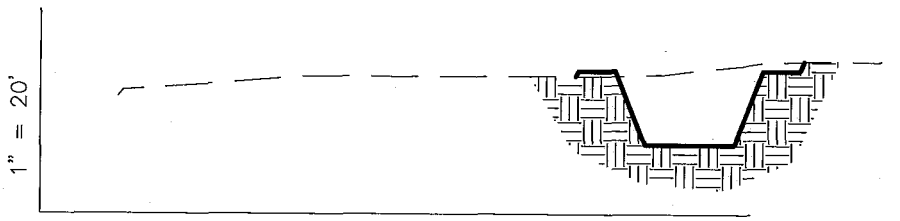
NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

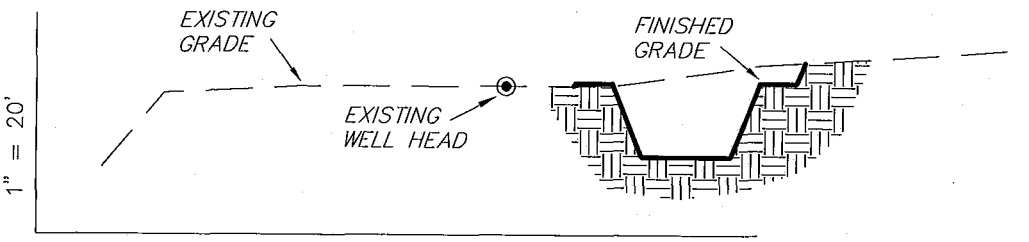
WELLS DRAW N-32-8-16 (Proposed Well)
WELLS DRAW 13-32-8-16 (Existing Well)



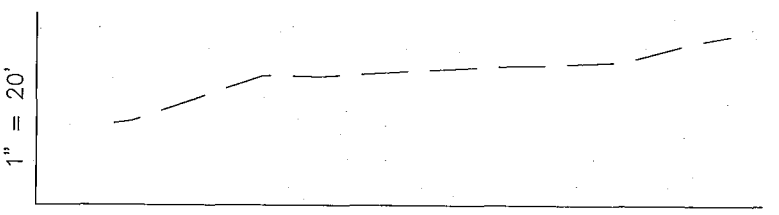
STA. 2+70



STA. 2+05



STA. 1+48



STA. 0+10

NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	160	20	Topsoil is not included in Pad Cut	140
PIT	640	0		640
TOTALS	800	20	130	780

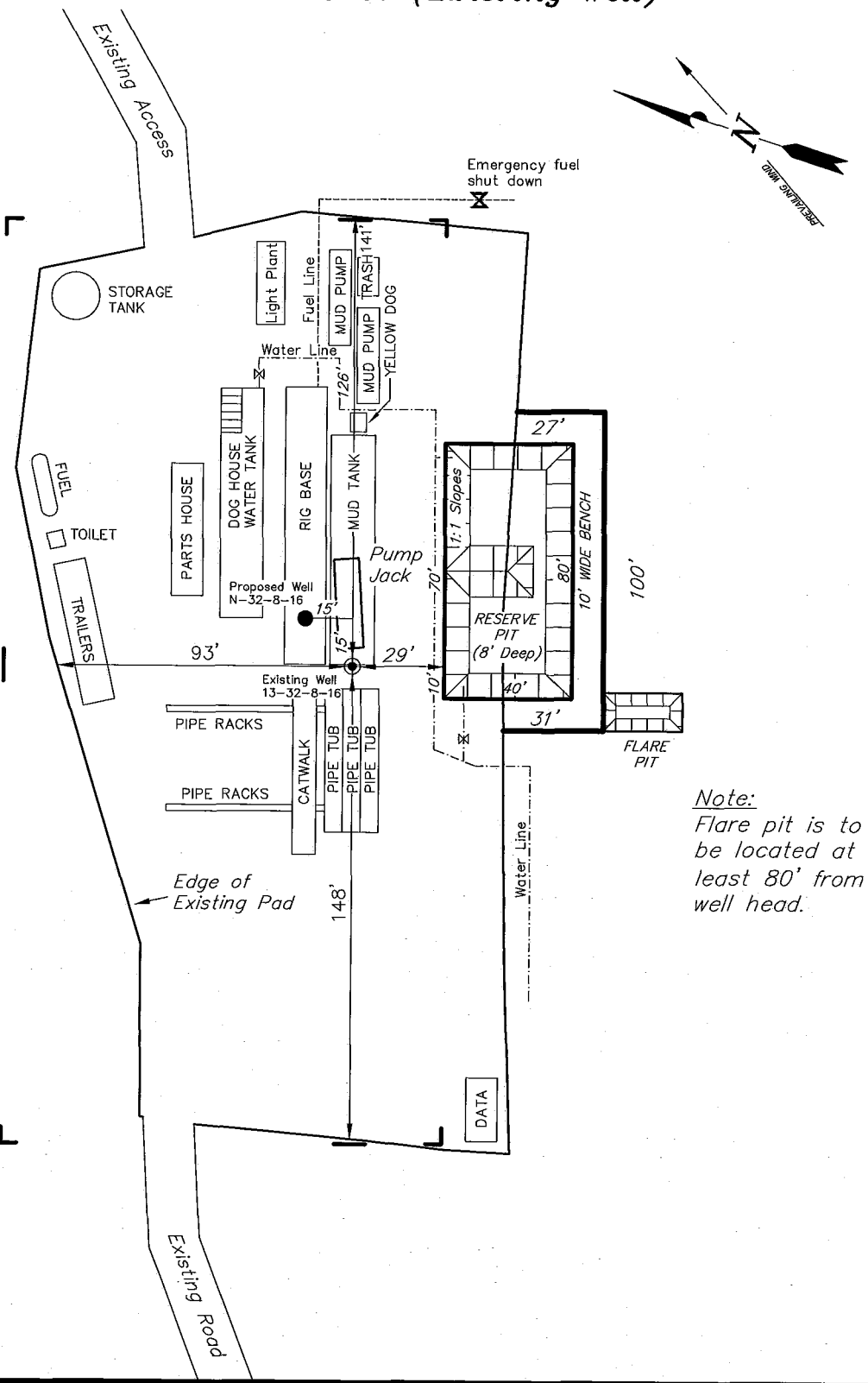
SURVEYED BY: T.C.	DATE SURVEYED:	10-14-08	
DRAWN BY: F.T.M.	DATE DRAWN:	10-15-08	
SCALE: 1" = 50'	REVISED:		

Tri State Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

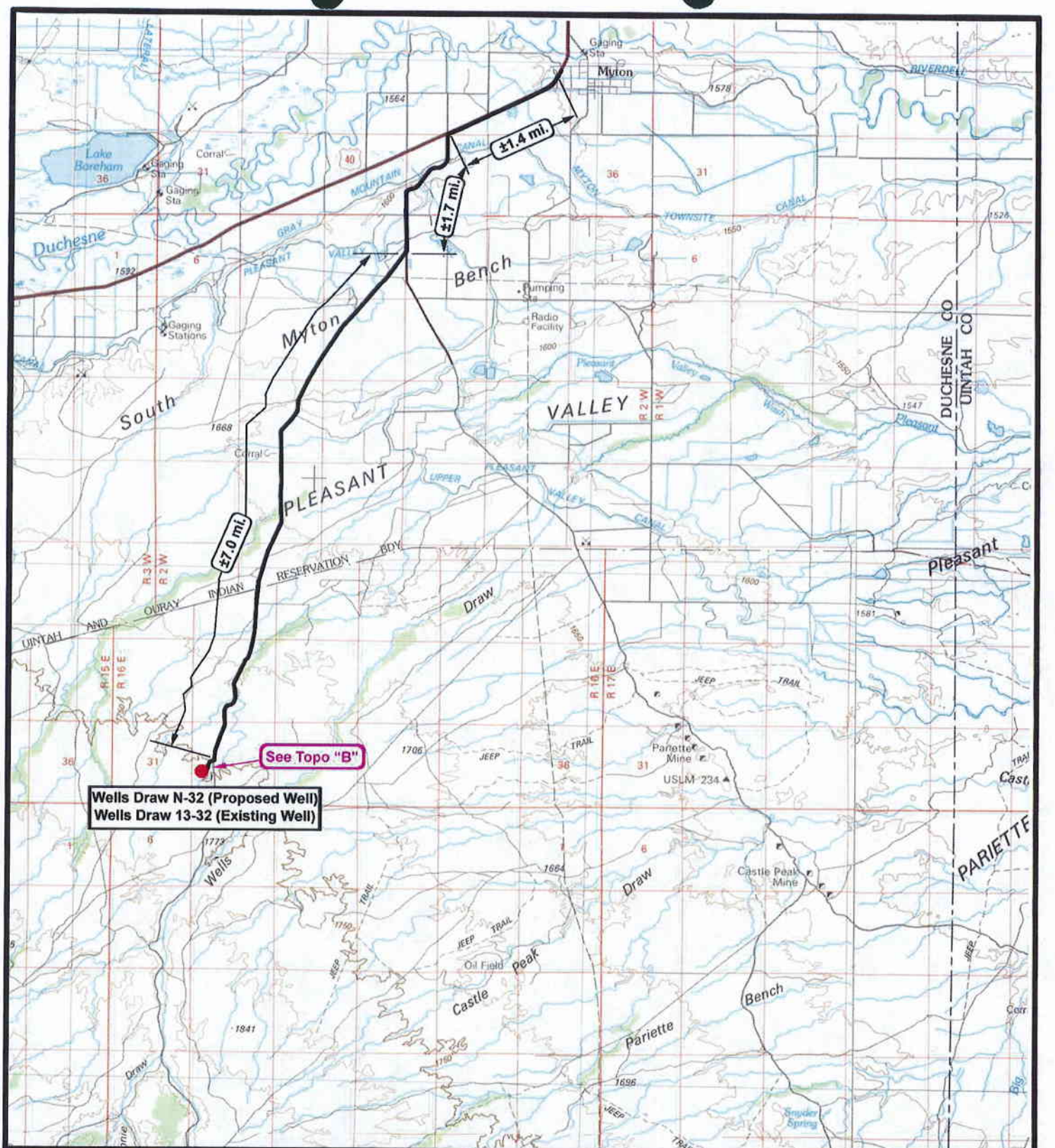
TYPICAL RIG LAYOUT

WELLS DRAW N-32-8-16 (Proposed Well)
WELLS DRAW 13-32-8-16 (Existing Well)



Note:
Flare pit is to be located at least 80' from well head.

SURVEYED BY: T.C.	DATE SURVEYED: 10-14-08	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: F.T.M.	DATE DRAWN: 10-15-08	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	
SCALE: 1" = 50'	REVISED:		



NEWFIELD
Exploration Company

Wells Draw N-32-8-16 (Proposed Well)
Wells Draw 13-32-8-16 (Existing Well)
Pad Location: NWSW SEC. 32 T8S, R16E, S.L.B.&M.

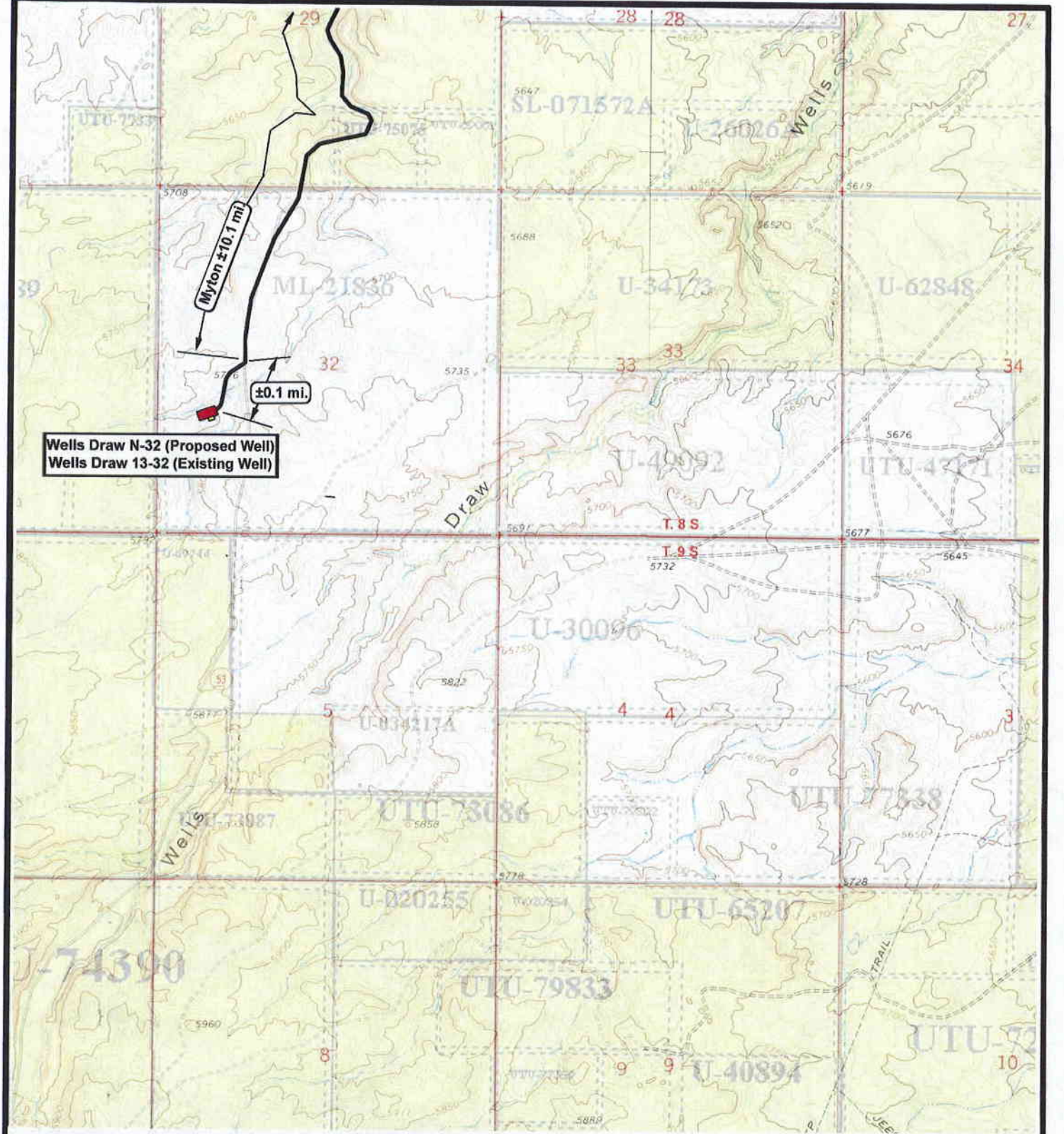
N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1:100,000
DRAWN BY: JAS
DATE: 10-16-2008

Legend
Existing Road

TOPOGRAPHIC MAP
"A"



NEWFIELD
Exploration Company

Wells Draw N-32-8-16 (Proposed Well)
Wells Draw 13-32-8-16 (Existing Well)
Pad Location: NWSW SEC. 32 T8S, R16E, S.L.B.&M.

N

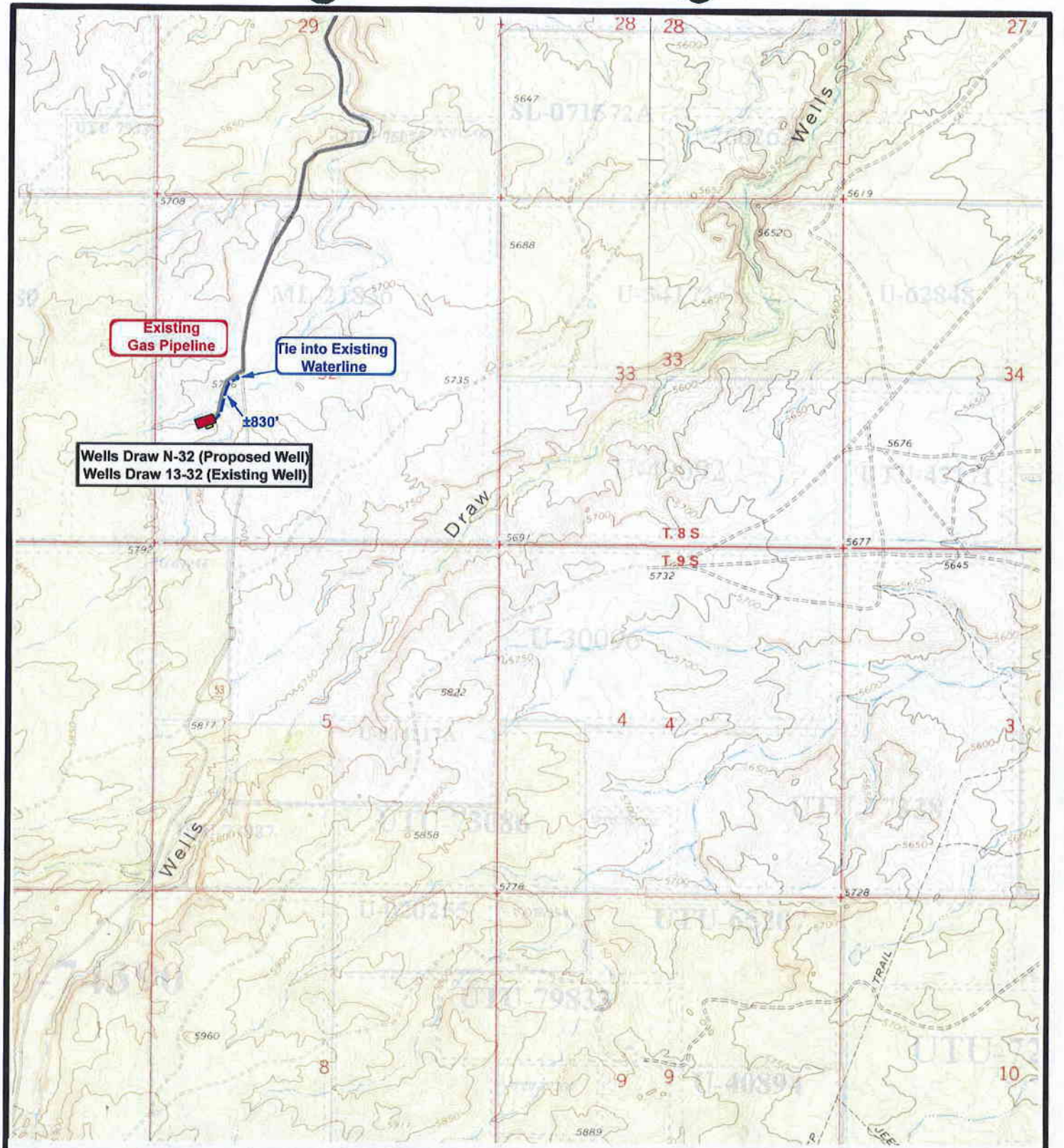
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: JAS
DATE: 10-16-2008

Legend

Existing Road

TOPOGRAPHIC MAP
"B"



NEWFIELD
Exploration Company

Wells Draw N-32-8-16 (Proposed Well)
Wells Draw 13-32-8-16 (Existing Well)
Pad Location: NWSW SEC. 32 T8S, R16E, S.L.B.&M.

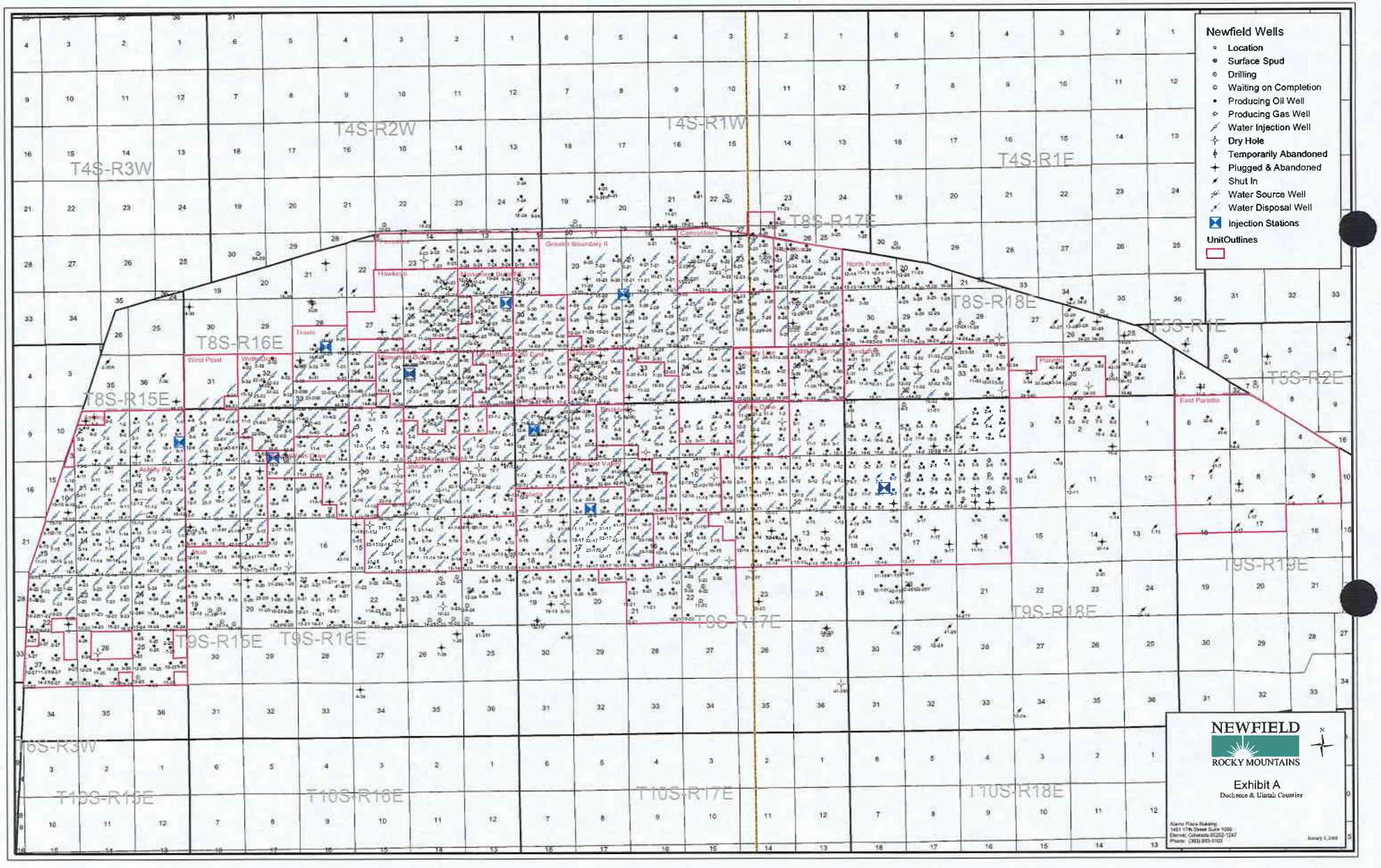
N

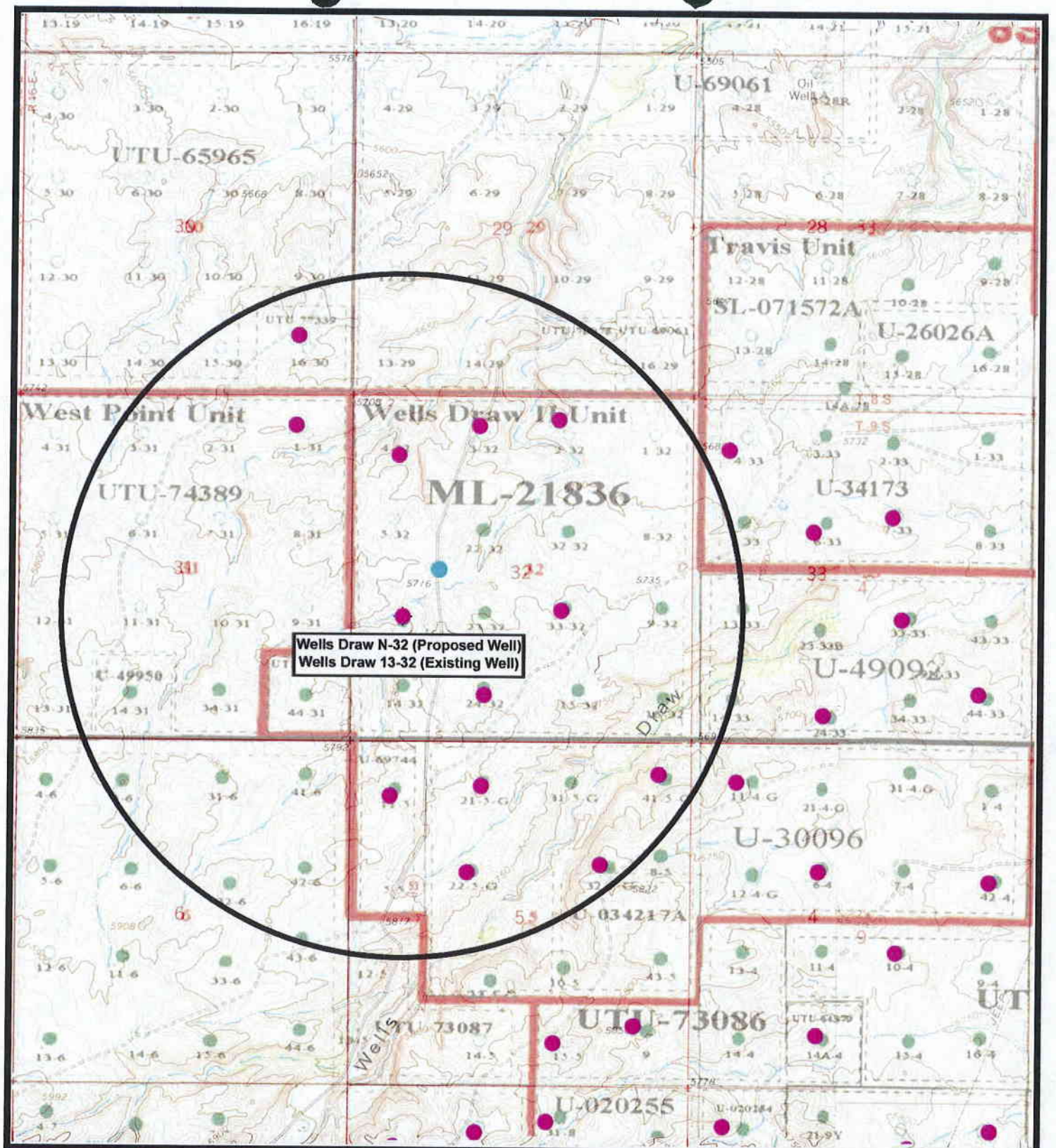
Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
DRAWN BY: JAS
DATE: 10-15-2008

Legend
Roads
Proposed Gas Line
Proposed Water Line

TOPOGRAPHIC MAP
"C"


Newfield Wells
Location
Surface Spud
Drilling
Waiting on Completion
Producing Oil Well
Producing Gas Well
Water Injection Well
Dry Hole
Temporarily Abandoned
Plugged & Abandoned
Shut In
Water Source Well
Water Disposal Well
Injection Stations
UnitOutlines
T4S-R2W
T4S-R1W
T4S-R3W
T4S-R1E
T8S-R17E
T8S-R18E
T8S-R16E
T8S-R15E
T5S-R1E
T5S-R2E
T9S-R19E
T9S-R18E
T9S-R17E
T9S-R15E
T9S-R16E
T6S-R3W
T10S-R15E
T10S-R16E
T10S-R17E
T10S-R18E
NEWFIELD
ROCKY MOUNTAINS
Exhibit A
Duchesne & Uintah Counties



NEWFIELD
Exploration Company

Wells Draw N-32-8-16 (Proposed Well)
Wells Draw 13-32-8-16 (Existing Well)
Pad Location: NWSW SEC. 32 T8S, R16E, S.L.B.&M.

N

Tri-State Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 10-15-2008

Legend
- Pad Location
- Bottom Hole Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

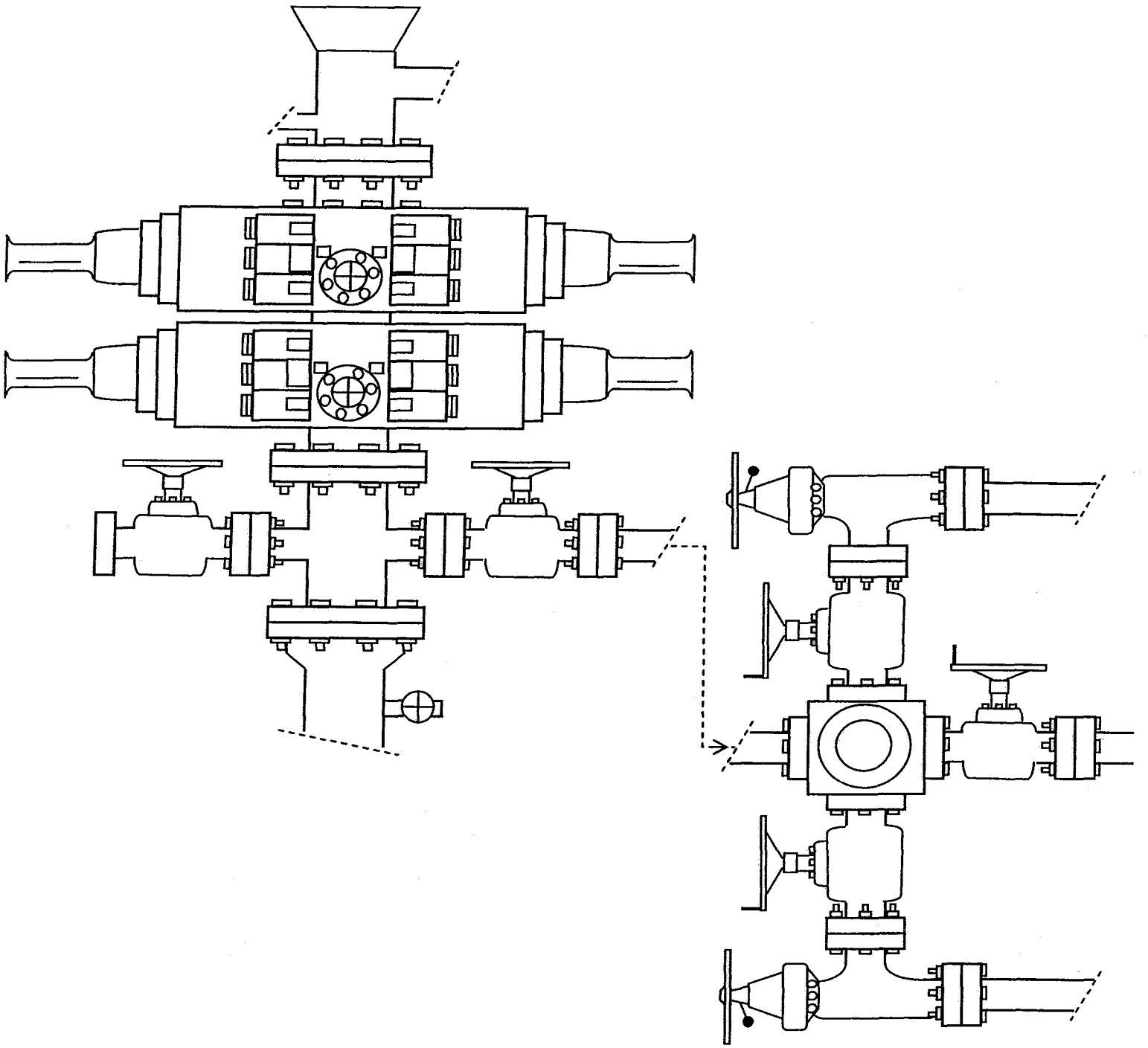


EXHIBIT C

0-32-8-16

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S PROPOSED SEVEN WELLS DRAW PIPELINES: 13-32-8-16, 22-32-8-16 33-32-8-16, 6-36-8-16, 2-2-9-16, 16-2-9-16, AND 14-3-9-16 DUCHESNE COUNTY, UTAH

By:

Hannah Russell

Prepared For:

Bureau of Land Management
Vernal Field Office
and
State of Utah
School and Institutional Trust Lands Administration

Prepared Under Contract With:

Newfield Exploration Company
Route 3, Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 08-294

November 17, 2008

United States Department of Interior (FLPMA)
Permit No. 08-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-08-MQ-1129b,s

INTRODUCTION

In November 2008 a cultural resource inventory was conducted by Montgomery Archaeological Consultants, Inc. (MOAC) of Newfield Exploration's proposed seven pipelines in Duchesne County, Utah. The project area is located around Wells Draw, and south of Pleasant Valley in Duchesne County, Utah. The inventory was implemented at the request of Ms. Mandie Crozier, Newfield Exploration, Myton, Utah. The project area occurs on land administered by the Bureau of Land Management (BLM), Vernal Field Office, and State of Utah School and Institutional Trust Lands Administration (SITLA) property.

The objective of the inventory was to locate, document and evaluate any cultural resources within the project area. This project was carried out in compliance with Federal and State legislation including the Antiquities Act of 1906, the National Historic Preservation Act (NHPA) of 1966, National Environmental and Historic Preservation Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979 and the American Indian Religious Freedom Act of 1978.

The fieldwork was conducted by Keith Montgomery (Principal Investigator) on November 7, 2008 under the auspices of U.S.D.I (FLPMA) Permit No. 08-UT-60122 and State of Utah Antiquities Project (Survey) No. U-08-MQ-1129b,s issued to Montgomery Archaeological Consultants, Inc., Moab, Utah.

A file search for previous projects and documented cultural resources was conducted by Keith Montgomery at the BLM Vernal Field Office on November 5, 2008. This consultation indicated that a few inventories had been completed within or near the current project area. In 2007, MOAC conducted two cultural resource inventories for Newfield Exploration in Township 9 South, Range 16 East, Duchesne County, Utah (Montgomery 2007; Hora 2007). Neither inventory located cultural resources within the current project area. In 2008, MOAC conducted a cultural resource inventory of Newfield Explorations four proposed waterlines in Township 8 South, Range 16 East, Sections 6-32 and 33 and in Township 9 South, Range 15 East, Section 1 (Montgomery 2008). No cultural resources were located during this inventory.

DESCRIPTION OF PROJECT AREA

The project area is located around Wells Draw, south of Pleasant Valley in Duchesne County, Utah (Figures 1 and 2). The legal description is Township 8 South, Range 16 East, Sections 32 and 36 and Township 9 South, Range 16 East Sections 2 and 3. A total of 23 acres was inventoried of which 1.6 acres occurs on land administered by the BLM (Vernal Field Office), and 21.4 is situated on State of Utah SITLA property.

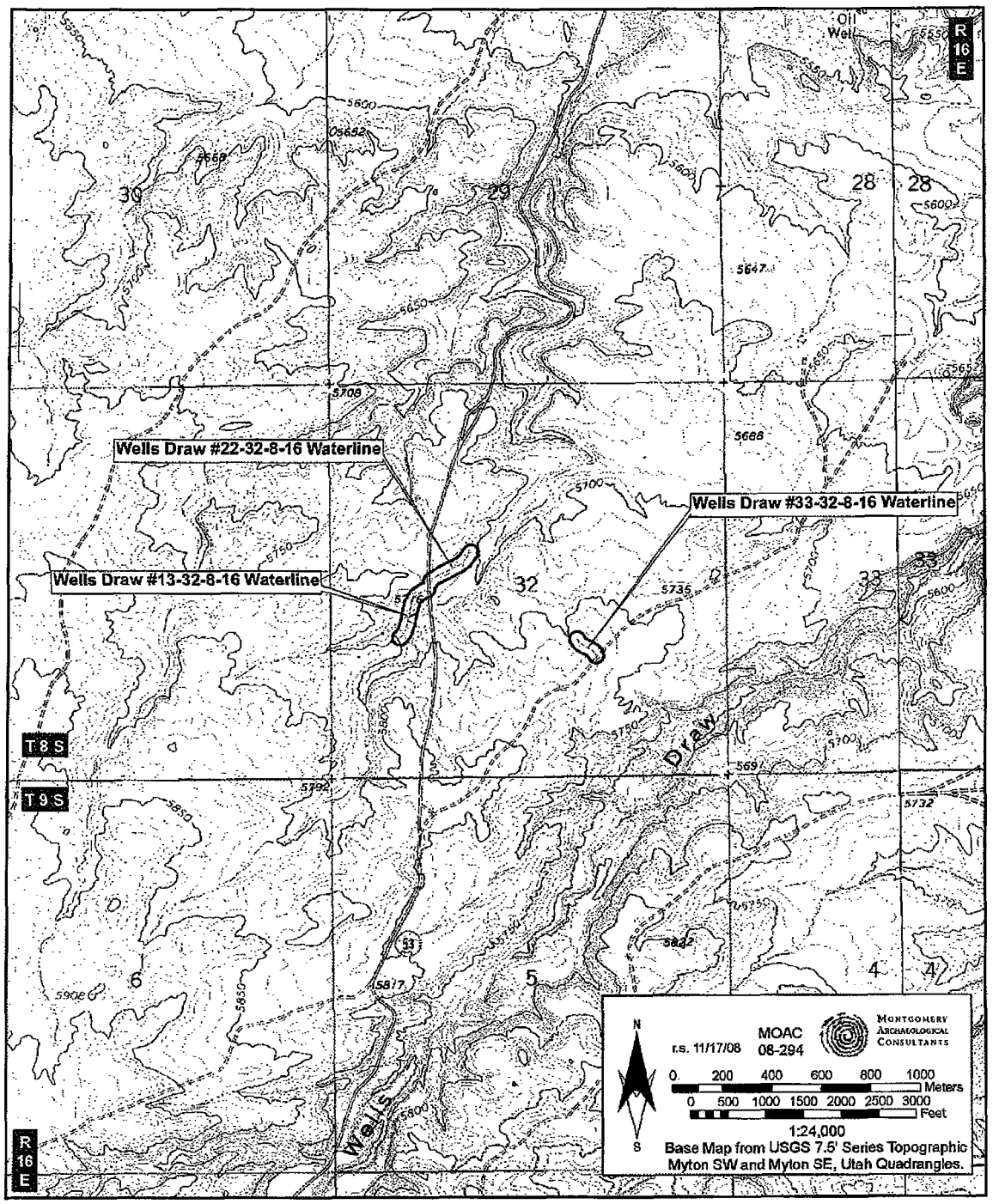


Figure 1. Inventory Area of Newfield Exploration's Proposed Wells Draw Pipelines Wells Draw #22-32-8-16, #13-32-8-16, and # 33-32-8-16.

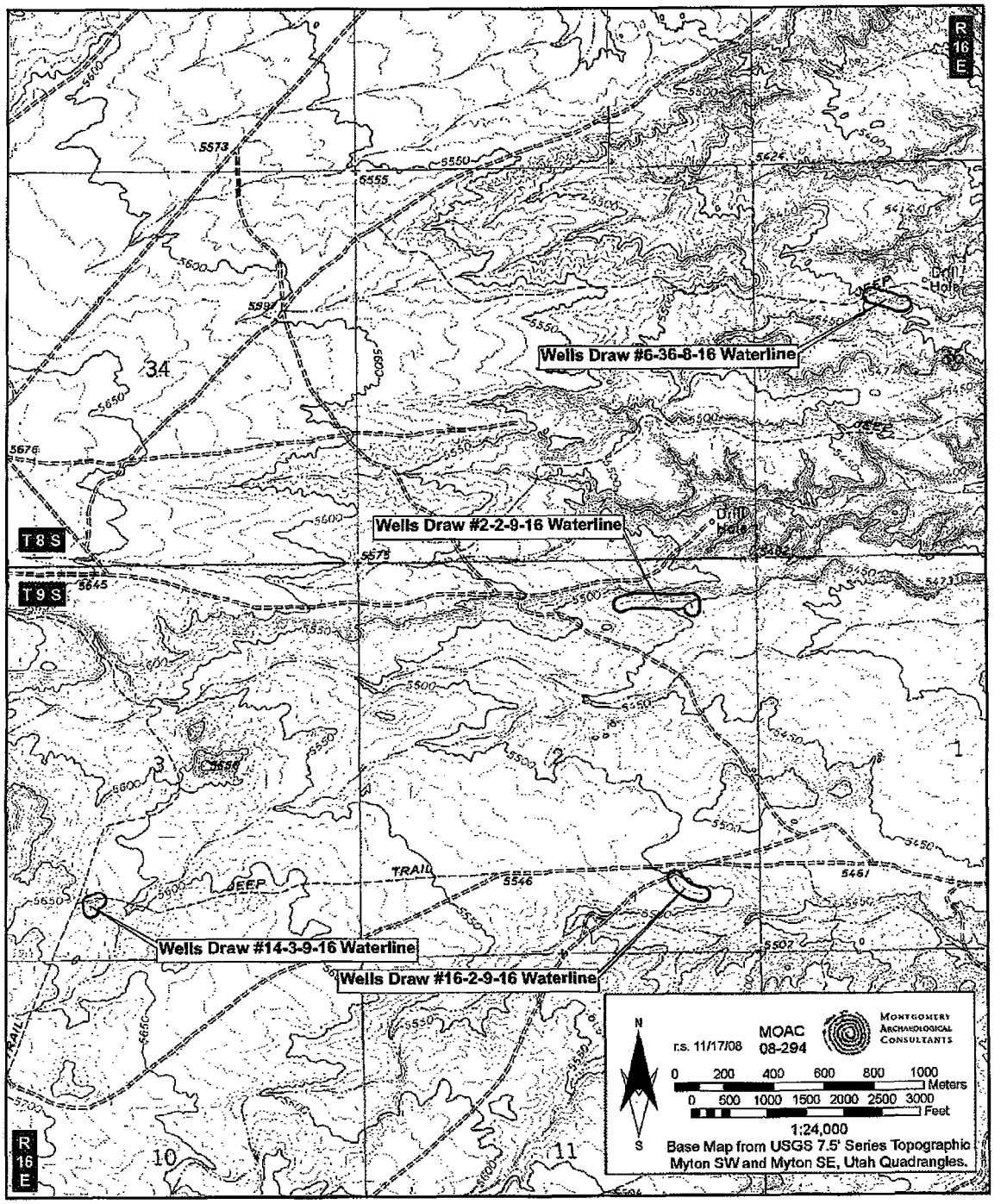


Figure 2. Inventory Area of Newfield Exploration's Wells Draw Proposed #6-36-8-16, #2-2-9-16, #14-3-9-16, and #16-2-9-16.

Table 1. Newfield Exploration's Proposed Wells Draw Pipelines.

Pipeline Designation	Legal Location	Pipeline Length	Cultural Resources
Wells Draw #13-32-8-16	NW/SW of Sec. 32, T8S, R16E	795.5 ft	None
Wells Draw #22-32-8-16	SE/NW of Sec. 32, T8S, R16E	678.7 ft	None
Wells Draw #33-32-8-16	NW/SE of Sec. 32, T8S, R16E	350.9 ft	None
Wells Draw #6-36-8-16	SE/NW of Sec 36, T8S, R16E	449.5 ft	None
Wells Draw #2-2-9-16	N/NE of Sec. 2, T9S, R16E	1060.1 ft	None
Wells Draw #16-2-9-16	SE/SE of Sec. 2, T9S, R16E	444.9 ft	None
Wells Draw #14-3-9-16	SE/SW of Sec 3, T9S, R16E	206.5 ft	None

Environmental Setting

The study area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. Topographically, this area consists of highly dissected sandstone and mudstone rock formations and broad sandy silt ridges (Stokes 1986). Recent alluvial deposits, older alluvial terrace deposits, and rock outcrops of the Upper Eocene Uinta Formation constitute the geology of the area. The Uinta Formation is seen as eroded outcrops formed by fluvial deposited stream laid interbedded sandstone and mudstone. This formation is known for its fossil vertebrate turtles, crocodilians, fish, and mammals. Elevation ranges from 5450 to 5750 ft asl. Named water sources in the area include Wells Draw and Castle Peak Draw. Surficial geology is characterized by silty loam and silty sand with a cover of small, angular sandstone gravels. The project area consists of sparse vegetation, dominated by a shadscale community intermixed with greasewood, prickly pear cactus, and grasses. Modern disturbances to the landscape include well locations, access roads, and pipelines.

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. The pipeline corridor was examined to a width of 200 ft (66 m) for cultural resources by the archaeologists walking parallel transects spaced no more than 10 m (30 ft) apart. Ground visibility was considered good. A total of 23.0 acres was inventoried of which 1.6 acres occurs on public land administered by the BLM (Vernal Field Office), and 21.4 acres is situated on State of Utah SITLA property.

RESULTS AND RECOMMENDATIONS

The inventory of Newfield Exploration's seven proposed pipelines resulted in the location of no cultural resources. Based on these findings, a determination of "no adverse effect" is recommended for the undertaking pursuant to Section 106, 36 CFR 800.

REFERENCES CITED

Hora, E.

2007 Cultural Resource Inventory of Newfield Exploration's Proposed South Wells Draw Tank Batteries Pipeline System Duchesne, County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Report No. U-07-MQ- 1370b,s.

Montgomery, J. A.

2007 Cultural Resource Inventory of Newfield Exploration's Wells Draw Tank Batteries Pipeline System Duchesne, County, Utah. Montgomery Archaeological Consultants, Moab, Utah. Report No. U-07-MQ- 1357b,s.

2008 Cultural Resource Inventory of Newfield Exploration's Proposed Wells Draw 33-33B-8-16, Wells Draw 24-32-8-16, West Point 6-6-9-16, and West Point 12-6-9-16 Waterlines, Duchesne County, Utah. Report No. U-08-MQ0624b,s.

Stokes, W. L.

1986 *Geology of Utah*. Utah Museum of Natural History, University of Utah, Salt Lake City.

R)-32-8-16
Q-16-9-17

NEWFIELD EXPLORATION COMPANY

PALEONTOLOGICAL SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, AND PROPOSED PIPELINE ROUTES DUCHESNE COUNTY, UTAH

Area Surveys
Section 30, T 8 S, R 16 E [except NW 1/4, NW 1/4 & SE 1/4/ SE 1/4];
Section 31, T 8 S, R 16 E [except NE 14/ SE 1/4; SW 1/4, SE 1/4,SW 1/4;
SW 1/4, SE 1/4; SE 1/4/ SE 1/4 and NE 1/4, NE 1/4].

Proposed Water Injection Pipeline Surveys
22-32-8-16, 33-32-8-16, 6-36-8-16, 13-32-8-16, 34-33B-8-16, 2-2-9-16, 16-2-9-16, 14-3-9-16, 23-16-9-17, and 4-22-9-17

Water and Gas Pipeline Survey
7-33-8-16 to 11-28-8-16

REPORT OF SURVEY

Prepared for:

Newfield Exploration Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 29, 2008

INTRODUCTION

The present report is a continuation of one submitted to both the Newfield Exploration Company, and to the BLM of Utah on November 11, 2008. While that report was restricted to paleontological areal surveys of much or most of seven sections, this one contains just two sections; but also includes ten water pipeline tie-ins and a gas & water pipeline survey. All the above surveys, except the water and gas pipeline one, were designated for paleontological field surveys on October 24, 2008. The water and gas pipeline survey was not requested until November 21. These were sent to Wade Miller via e-mail by Mandie Crozier of the Newfield Exploration Company's Myton office. Included areas to be surveyed at that time were: Section 30, T 8 S, R 16 E [except NW 1/4, NW 1/4 & SE 1/4/ SE 1/4 - (1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 & 16-30-8-16)]; Section 31, T 8 S, R 16 E [except NE 1/4, NE 1/4; NE 14/ SE 1/4; SE 1/4, SW 1/4; SW 1/4, SE 1/4 & SE 1/4, SE 1/4 - (2, 3, 4, 5, 6, 7, 8, 10, 11, 12 & 13-31-8-16)]. Water Injection Pipelines Survey; SE 1/4, SE 1/4, Section 2, T 9 S, R 16 E (16-2-9-16); NW 1/4, NE 1/4, Section 2, T 9 S, R 16 E (2-2-9-16); SE 1/4, NW 1/4, Section 36, T 8 S, R 16 E (6-36-8-16); NW 1/4, SE 1/4, Section 32, T 8 S, R 16 E (33-32-8-16); SE 1/4, NW 1/4, Section 32, T 8 S, R 16 E (22-32-8-16); NW 1/4, SW 1/4, Section 32, T 8 S, R 16 E (13-32-8-16); SE 1/4, SW 1/4, Section 3, T 9 S, R 16 E (14-3-9-16); NE 1/4, SW 1/4, Section 16, T 9 S, R 17 E (23-16-9-17); NW 1/4, NW 1/4, Section 22, T 9 S, R 17 E (4-22-9-17); SW 1/4, SE 1/4, Section 33, T 8 S, R 16 E (34-33B-8-16). Water and Gas Pipeline Survey; SW 1/4, NE 1/4, Section 33, T 8 S, R 16 E (7-33-8-16), NW 1/4, Section 33, T 8 S, R 16 E (3, 4, 5 & 6-33-8-16), SW 1/4, Section 28, T 8 S, R 16 E (11, 12, 13 & 14-28-8-16).

All the above areas have now received a paleontological field survey. However, there are all, or most all, of four more sections that yet need surveying (Sections 25, 26, 35 and 36, T 8 S, R 15 E). This will be done in the next two or three weeks as weather conditions permit. The field

survey for this work took place on the dates of November 17th, 18th, 21st, and 22nd, 2008. It is once more pointed out here that previous reports have recorded the paleontological procedures used in these surveys dating back to 1999. Thus, only a summary of these procedures is here included. The more detailed procedures and information relating to paleontology of the Uinta Basin can be found in reports submitted by Wade Miller during the period of 1999 through 2003. These reports are on file with the Newfield Exploration Company (including this company's predecessor, the Inland Production Company) as well as in the Salt Lake City and Vernal, Utah, Bureau of Land Management offices.

The Uinta Formation, the geologic formation that represents almost all sediment exposures in the Uinta Basin (except some of Pleistocene age, especially in Wells Draw), is regarded as one of the top few most paleontologically sensitive formations in Utah. It has provided much scientifically valuable information on past life in eastern Utah and beyond during the late Eocene period (roughly 40 to 45 million years ago). A Mammalian Age for all North America is based on the fauna that has been recovered from the Uinta Basin. While many types of diverse animals and plants have been discovered, new discoveries are certain with additional field work. Some of the specific types of plants and animals found on Newfield's oil and gas leased lands have been cited in earlier reports by the present author. The importance of protecting scientifically significant fossils, and the Federal and State laws regarding their protection, has also been given in earlier reports. The Bureau of Land Management (BLM) Paleontological Resources Use Permit number under which the present field work was done is: #UT06-003C. All the significant fossils that have been found during the paleontological field surveys, have been collected and brought to Brigham Young University (BYU). There, they have been (or are being) prepared and curated, and integrated into the paleontological collections. BLM Paleontological Report forms have also been completed and submitted to the above BLM offices regarding these fossils. BYU has been a Federally recognized repository for fossils for many years. That is, fossils discovered and collected by Federal permit can legally be stored and studied here.

PALEONTOLOGICAL FIELD SURVEY

In the present paleontological field survey work, the same paleontological procedures were followed as in all earlier ones. To wit, each of the designated quarter, quarter sections are carefully walked over looking for any fossil evidence. Specifically, this covers any area where the Uinta Formation is exposed. Notes are kept as the survey proceeds over each of the quarter, quarter sections covered. Important fossils when found are photographed *in situ*, bagged, or plaster jacketed, and marked. A GPS reading is also taken at the exact location of each. The site is then marked on a USGS Topographic map, with a field locality number given. Although the present survey covered a very widespread area, fossil finds were scarce. And the fossils that were found are not considered of significant paleontological importance. The most abundant fossils found were ichnites of various types. Since no specimens warranted, photos were not taken, nor were GPS readings made.

In situations where surveyed quarter, quarter sections are essentially the same in terms of their physical features, units of exposed Uinta Formation are basically alike, and no significant fossils are present, then two or more of these 40 acre units are combined for reporting purposes. This proved to be the case in the current paleontological field survey. It has been observed, and noted here, that exposures in Newfield's oil and gas leased lands in the western region (areas covered in the present survey) are less fossiliferous than is the case in the eastern area. In the present paleontological field survey, it was seen that only some of Newfield's proposed well pad sites in addition to proposed access roads and water and gas line routes were marked by stakes and flagging. Where there is no such marking, the entire quarter, quarter section is surveyed. Pipeline routes are surveyed at least for 50 feet on either side of the proposed line. This distance is expanded if the Uinta Formation has exposures somewhat beyond the 50 feet.

As usual, both USGS Topographic maps and Newfield's planimetric map of the roads and wells were used in the survey. The former type of maps used in the present survey were the Myton SE 7.5' and Myton SW 7.5' quadrangles published in 1964 (see appended maps for areas covered in the presently reported survey). Wade Miller performed the paleontological field survey for this report alone.

REPORT OF AREAS SURVEYED

Section 30, T 8 S, R 16 E

NE 1/4, Section 30, T 8 S, R 16 E (3, 5 & 6-30-8-16)

Only three quarter, quarter sections are reported here for this quarter section, as a plugged well is present in the NW 1/4, NW 1/4, and was therefore not designated for a survey. A metal pole marks this abandoned well. The remaining three quarter, quarter sections were surveyed on foot. Terrain of this area consists of low ridges, with the only arroyo of note running through the unsurveyed NW 1/4, NW 1/4. Soil trends from sandy to rocky. It supports a sparse to moderate vegetative cover of mostly low-growing brush, bunch grass, Compositae and cactus. While the three surveyed quarter, quarter sections have mostly a soil cover, some rock outcrops of Uinta Formation occur intermittently along the ridges. These are primarily sandstones. The only fossils seen consisted of fresh water mollusc bore and fill structures, and a few smaller unidentified invertebrate burrowings.

SW 1/4, Sec. 30, T 8 S, R 16 E (11, 12, 13 & 14-30-8-16)

A deep north - south running arroyo bisects the eastern part of the quarter section. On the upland side of this arroyo there is a gently sloping land surface on which there are isolated knolls /small hills. Soil tends to be mostly rocky, with some gravelly to sandy spots. Although the plant types are essentially the same as in the NW 1/4, brush often grows a little higher - especially along the arroyo. There are many more rock outcrops than in that quarter section. These consist of various sandstones, shales and mudstones of the Uinta Formation. Ichnites are common in places (only in the sandstones, however). Additionally, several pieces of well-weathered fossil turtle shell were

found. These fragments apparently came from underlying mudstone. These were mixed with small sandstone clasts on the surface

SE 1/4, Sec. 30, T 8 S, R 16 E (9, 10, 15 & 16-30-8-16)

A ridge and arroyo topography dominate almost the entire SE 1/4 section, with the condition of the SW 1/4, SE 1/4 showing the least relief. Soil in arroyos has a large sand component, with that on the ridge slopes and tops being primarily rocky. Vegetation varies little from that above of the SW 1/4 of Section 30. Outcrops of Uinta Formation are mostly sandstones, and are discontinuous. Largely, these are exposed on the tops and upper flanks of the ridges. Very few *in situ* rock outcrops are present within the arroyos proper. Fossils observed in this quarter section were very few. They consist only of invertebrate trace fossils in sandstone.

NE 1/4, Sec. 30, T 8 S, R 16 E (1, 2, 7 & 8-30-8-16)

Much of the northen two quarter, quarter sections of this quarter section lies on a gently sloping land surface. The southern two quarter, quarter sections have a more rugged relief of ridges and arroyos. A relatively major arroyo runs northeast through these two parcels. Soil changes from sandy and gravelly, especially in the north, to more rocky in the south. There is a sparse to moderate vegetative cover over the whole northeast quarter. Again, plant types remain similar to those of the NW 1/4 of Section 30. Essentially no Uinta Formation outcrops appear in the northern half of the NE 1/4. Limited sandstone exposures show intermittently on ridges and ridge slopes in the southern half of this quarter section. Very few ichnites, none apparently different than those in the other parts of Section 30, T 8 S, R 16 E, are present in this area. All observed trace fossils occur in sandstone.

Section 31, T 8 S, R 16 E

NW 1/4, SE 1/4, Section 31, T 8 S, R 16 E (10-31-8-16)

Only the NW 1/4, SE 1/4, was scheduled for a paleontological survey within the SE 1/4 section. The other three quarter, quarter sections currently have wells on them. An operating oil well (44-31-8-16) exists in the SE 1/4, SE 1/4. The NE 1/4 (9-31-8-16) and SW 1/4 (34-31-8-16) of the SE 1/4 each presently have a water injection well. The basic topography for the NW 1/4, SE 1/4 consists of a ridge running along the eastern two-thirds and a gentle slope on the western one-third. A north - south trending arroyo bisects the entire parcel. Soil is sandy over much of the area, but becomes more rocky along the upper ridge slopes to the top of the ridge. Plant cover in this quarter, quarter section varies from sparse to moderate in abundance, with brush (low to medium height) being the dominant type. Other plants include the typical bunch grass, Compositae and cactus. Uinta Formation sandstones show as intermittent exposures. A few mudstones are present, which mostly are covered in rock debris from overlying beds. The only fossils observed were the bore and fill features of ancient fresh-water molluscs. Additionally, some few burrows/trails of unidentified invertebrates were also seen.

NE 1/4, Section 31, T 8 S, R 16 E (2,7& 8-31-8-16)

The NE 1/4, NE 1/4 of Section 31 was previously paleontologically surveyed and reported. Ridges separated by the north - south running arroyo mentioned above for the NW 1/4, SE 1/4, make up the terrain of the NE 1/4. However, this arroyo turns northeast in the NE 1/4, NE 1/4. Soil, while very sandy in some areas, is very rocky in others. Plant types and abundances remain as reported in the NW 1/4, SE 1/4. Uinta Formation outcrops are common throughout this quarter section, being more pronounced on upper ridge slopes and on their tops. Some are also present near the base of the major arroyo. Some minor arroyos also are present and display some outcrops of this formation. Mudstones are rarely exposed (due mostly to coverage by overlying rock debris), but a variety of sandstones are present. These include flaggy sandstones. Despite an abundance of exposures of the various rock types, only a relatively few ichnites are present. These are all invertebrate markings.

NW 1/4, Section 31, T 8 S, R 16 E (3,4,5 & 6-31-8-16)

As with Section 30 to the immediate north of Section 31, the terrain is one of ridges and arroyos. The ridges are not as steep as in the NE 1/4 of Section 31, as in Section 30. This appears due to a lack of a major arroyo here. Soil again varies from sandy through gravelly to rocky. The vegetative cover shows little difference from that of Section 30, or elsewhere in Section 31. With a lack of steep ridges, few Uinta Formation outcrops show in this area. Mostly those that do are very low sandstones and mudstones. With the exception of very few mollusc bore holes, no fossils occur within this entire 1/4 section.

SW 1/4, Section 31, T 8 S, R 16 E (11,12 & 13-31-8-16)

In the SW 1/4 of Section 31 a water injection well occupies the SE 1/4 (14-31-8-16). This quarter, quarter section was not surveyed. Topography overall for the quarter section remains one of ridges and intervening arroyos. They are, however, of fairly subdued relief. Soil continues sandy to rocky, and for the most part is thin. The vegetation it supports is virtually the same as listed for adjacent quarter sections. The plants in terms of types and coverage is unchanged. Apparently due to low relief of the land surface, Uinta Formation exposures are relatively few. Those present typically continue to be near or on ridge crests. A few minor ones, though, were noted within the bottom of arroyos. A few of the typical ichnites, cited in other areas mentioned above, were seen in the sandstones of this quarter section.

Water Injection Pipelines

The following ten sites are those where Newfield proposes to have water injection pipelines brought in to existing oil wells. These are of varying lengths and usually come in from the nearest existing road. The paleontological survey for each of these covered an area at least 50 feet on either side of the proposed water pipeline. In some instances it went a little beyond the 50 feet where Uinta Formation outcrops were observed there. In this way it could be told if fossils were likely to be affected with any excavation activity for the pipelines. No stakes marking these proposed water injection pipelines were present at the time of the paleontological survey.

Nevertheless, maps provided by Newfield were sufficient to locate the areas where these lines would run.

SE 1/4, SE 1/4, Section 2, T 9 S, R 16 E (16-2-9-16)

The operating well at this site, as well as the proposed route for the water injection pipeline, is located on the edge of a ridge of moderate height. This proposed pipeline runs southeast to the well site, and would have a length of 490 feet. It juxtaposes the access road leading to the well at 16-2-9-16. The soil within which the line would run is mostly rocky. Plants supported by this soil are fairly sparse and all of low growth. Compositae comprise most of the immediate vegetation. No Uinta Formation outcrops occur in the local area. However, low piles of sandstone are present at the well pad site. These were derived from a sandstone bed just below the surface when the site was prepared for the existing well. These rocks were checked for fossils, but none were seen.

NW 1/4, NE 1/4, Section 2, T 9 S, R 16 E (2-2-9-16)

A proposed water injection line in this quarter, quarter section runs 990 feet east - west from an existing road to the operating well. This well is also located on the side of a ridge. Soil along the proposed route is thin to absent. The very low vegetation in this area is sparse. Uinta Formation sandstones occur all along the proposed water pipeline route. Fossils noted in the sandstones consist only of presumed mollusc borings. In some spots they are fairly abundant. However, these fossils are not considered to be of much paleontological significance as many more sites contain much better examples of similar borings.

SE 1/4, NW 1/4, Section 36, T 8 S, R 16 E (6-36-8-16)

Although the operating well at this site has a sign denoting the site as the NE 1/4, SW 1/4, it should be the SE 1/4, NW 1/4. The proposed water injection line here runs along a ridge from the water injection well to the west (5-36-8-16) to the well at 6-36-8-16. It would be 1,085 feet in

length. Soil again is variable. Types range from sandy to rocky. Vegetation is sparse and very low-growing, with brush being scarce. Uinta Formation sandstones and mudstones commonly occur along the proposed route. Some well-weathered fossil turtle shell fragments were found in the mudstones, and trace fossils are fairly common in sandstones. In spots the boring and fill structures attributed to ancient molluscs are abundant. Other unidentified fossil invertebrate markings were seen as well in these sandstones.

NW 1/4, SE 1/4, Section 32, T 8 S, R 16 E (33-32-8-16)

The operating well at this site lies on a moderately undulating terrain. A proposed 500 foot water injection line runs to this site from a nearby road. Sandy to rocky soil covers most of the length of this line. It supports a relatively sparse plant cover of low-growth vegetation. Uinta Formation rock outcrops are few at the immediate site. These consist of low mudstone units with some included sandstone lenses. Only a few mollusc boring and fill features were noted in the sandstone lenses.

SE 1/4, NW 1/4, Section 32, T 8 S, R 16 E (22-32-8-16)

A water injection pipeline has been proposed for this well site (presently non-operating). It would run 715 feet from an existing road on the west to the well site. This site and the access road leading to it are located in a well-defined, but shallow arroyo. The proposed pipeline route transects a sandy to rocky soil, which again exhibits a fairly sparse, low-growing plant cover. Some low sandstone outcrops of Uinta Formation also occur along the route. Only a few trace fossils, of types indicated above, are present.

NW 1/4, SW 1/4, Section 32, T 8 S, R 16 E (13-32-8-16)

This particular operating well is located on a site atop a low ridge. 830 feet of proposed water injection pipeline comes from an existing north - south road to the present oil well. A sandy to

rocky soil once again is the prevalent type. Plant growth is also sparse to moderate in abundance. Some brush types grow to medium height. Additionally, bunch grass, Compositae and small patches of cactus help comprise the common plants. The only exposures of Uinta Formation are found on a ridge that comes close to the proposed water pipeline, but it does not cross it. This ridge shows intercalated beds of sandstone, shale and mudstone. Only a few invertebrate trace fossils in sandstones were all that were noted.

SE 1/4, SW 1/4, Section 3, T 9 S, R 16 E (14-3-9-16)

The well at this site rests upon a terrain of low relief. A short proposed water injection line leads just 130 feet from an existing road to the well. Actually this road coalesces with the entrance to the well site. Therefore, any soil or vegetation is negligible. No Uinta Formation beds can be seen here. No fossils exist in the immediate area.

NE 1/4, SW 1/4, Section 16, T 9 S, R 17 E (23-16-9-17)

The operating well at this site is situated on gently sloping land. The short proposed water pipeline here leads from an existing water line 110 feet to the north. Soil is sandy to rocky. Vegetation is all low-growing, and of types common to the area - and listed above. Since no Uinta Formation outcrops are present in the immediate area, there were no fossils expected - or seen.

NW 1/4, NW 1/4, Section 22, T 9 S, R 17 E (4-22-9-17)

The operating well at this site lies on a flat at the base of a low ridge. The 1,070 feet of proposed water injection pipeline to the well leads in from an existing water line to the northwest. This proposed route follows a newly cut road to the well. Soil is mostly sandy, but rocky in places. Vegetation is sparse - as throughout most of the area - and basically all low-growing. The ridge along which the proposed water line would run contains much exposed Uinta Formation

sandstones and mudstones. While only mollusc boring and fill structures were seen, they were very abundant, to the point of heavy bioturbation in places.

SW 1/4, SE 1/4, Section 33, T 8 S, R 16 E (34-33B-8-16)

This particular site currently has a water injection well. The well is located on a relatively flat-topped ridge, and near its edge. Adjacent to the north, the land slopes steeply into an arroyo. The soil cover on the ridge grades from gravelly to rocky. Vegetation is sparse throughout the area, and of low growth. Much of this is low-lying brush. Dipping into the arroyo, units of Uinta Formation sandstone and mudstone are well exposed. These are interbedded. The sandstones have poorly preserved invertebrate trace fossils, including the mollusc borings and fill structures. Also found down the embankment from the flat well site were a couple of well-weathered fossil turtle shell fragments.

Water and Gas Pipeline Survey

SW 1/4, NE 1/4, Section 33, T 8 S, R 16 E (7-33-8-16)

A requested paleontological survey for a proposed water and gas pipeline route begins at this quarter, quarter section. The proposed lines run west, then north, until they reach an area where a previous survey had already covered the remainder of the proposed lines. Within the SW 1/4, NE 1/4 of Section 33, the proposed water and gas pipelines tie into existing ones. The land is basically flat in this area. It continues with a sandy to rocky soil and low, sparse vegetation. Types are all as noted above. There are no outcrops of Uinta Formation along this proposed line for 50 feet on either side. A few large sandstone clasts do, however, indicate that Uinta Formation rocks are close to the surface.

NW 1/4, Section 33, T 8 S, R 16 E (3,4,5 & 6-33-8-16)

In this quarter section the proposed water and gas pipelines run north along the boundaries of 5 & 6-33-8-16, and 3 & 4-33-8-16. The southern part of this parcel (just west of the well site at 6-33-8-16) includes a small ridge that exposes Uinta Formation sandstone and mudstone to a height of about 45 feet. The proposed pipeline route runs along the base of this ridge. Soil and vegetation continue as above, with the exception of some higher brush. A few invertebrate trace fossils, of types already described, were found in the sandstone. In the northern part of the NW 1/4, only very low and limited sandstones can be seen. There is no evidence of fossils in these.

SW 1/4, Section 28, T 8 S, R 16 E (11,12,13 & 14-28-8-16)

As the proposed pipeline route heads north into the SW 1/4 of Section 28, it continues to encounter soil and vegetation conditions that are very similar to those given above for almost all sections. In walking out the staked route here, a number of low outcrops of Uinta sandstones intermittently cross it. Additionally, some very low mudstone exposures were also seen. These were all examined. A few trace fossils in sandstones were the only type encountered.

RESULTS OF PALEONTOLOGICAL SURVEY

A very widespread land area was covered for this report, covering many quarter, quarter sections. Physical conditions are much the same throughout this area. Fossils were found in many areas during this extensive survey, but all were either trace fossils representing unidentified freshwater invertebrate animals, or else weathered fossil turtle shell fragments. Identifications would be difficult considering the nature of these fossils. As noted above, fossils are not nearly as common in the western part of the Newfield leased lands as in the eastern region. This is somewhat surprising as Uinta Formation strata were present in most areas. This paucity of fossils is most likely due to lesser exposures of the finer-grained sediments such as mudstones. Typically, though, sandstones and other coarse sedimentary deposits in the area have presumably destroyed potential fossil material in transit, especially the smaller organisms. Where mudstones were noted in the present areas of investigation, they were largely covered on slopes by rock debris of

eroding overlying sandstones, which is the dominant rock type of record. Since there were some fairly large animals living at the time of sediment deposition (e.g., brontotheres, large turtles, crocodilians, etc.), this cannot be the only reason for a scarcity of fossils in the western part of the Basin. Environmental conditions at the time (late Eocene) undoubtedly were a factor. It will take further research to help solve the dilemma of so few fossils here.

RECOMMENDED MITIGATION

Fossils were found in most areas surveyed for the present report. However, none are considered of significant scientific value. It is for this reason that it is thought that there is no paleontological reason why the Newfield Exploration Company cannot proceed with developing all the quarter, quarter sections designated in this report as they have planned. As usual, though, if vertebrate fossils or reasonably complete plant fossils are uncovered during any excavation activity, this needs to be reported to a qualified paleontologist and/or to the Bureau of Land Management Vernal office immediately.

Wade E. Miller

Wade E. Miller
November 29, 2008

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/24/2008

API NO. ASSIGNED: 43-013-34146

WELL NAME: W DRAW ST N-32-8-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

NWSW 32 080S 160E

SURFACE: 1809 FSL 0788 FWL

BOTTOM: 2509 FSL 1340 FWL

COUNTY: DUCHESNE

LATITUDE: 40.07217 LONGITUDE: -110.1492

UTM SURF EASTINGS: 572553 NORTHINGS: 4435904

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	1/21/09
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-45555

PROPOSED FORMATION: GRRV

SURFACE OWNER: 3 - State

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. BC01834)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-7478)

N RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: WELLS DRAW (GRRV)

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

✓ Drilling Unit

Board Cause No: 231-03

Eff Date: 10-25-2006

Siting: Suspended Final Siting

✓ R649-3-11. Directional Drill

COMMENTS: Needs Presite (12-22-08)

STIPULATIONS: 1 - STATEMENT OF BASIS

API Number: 4301334146

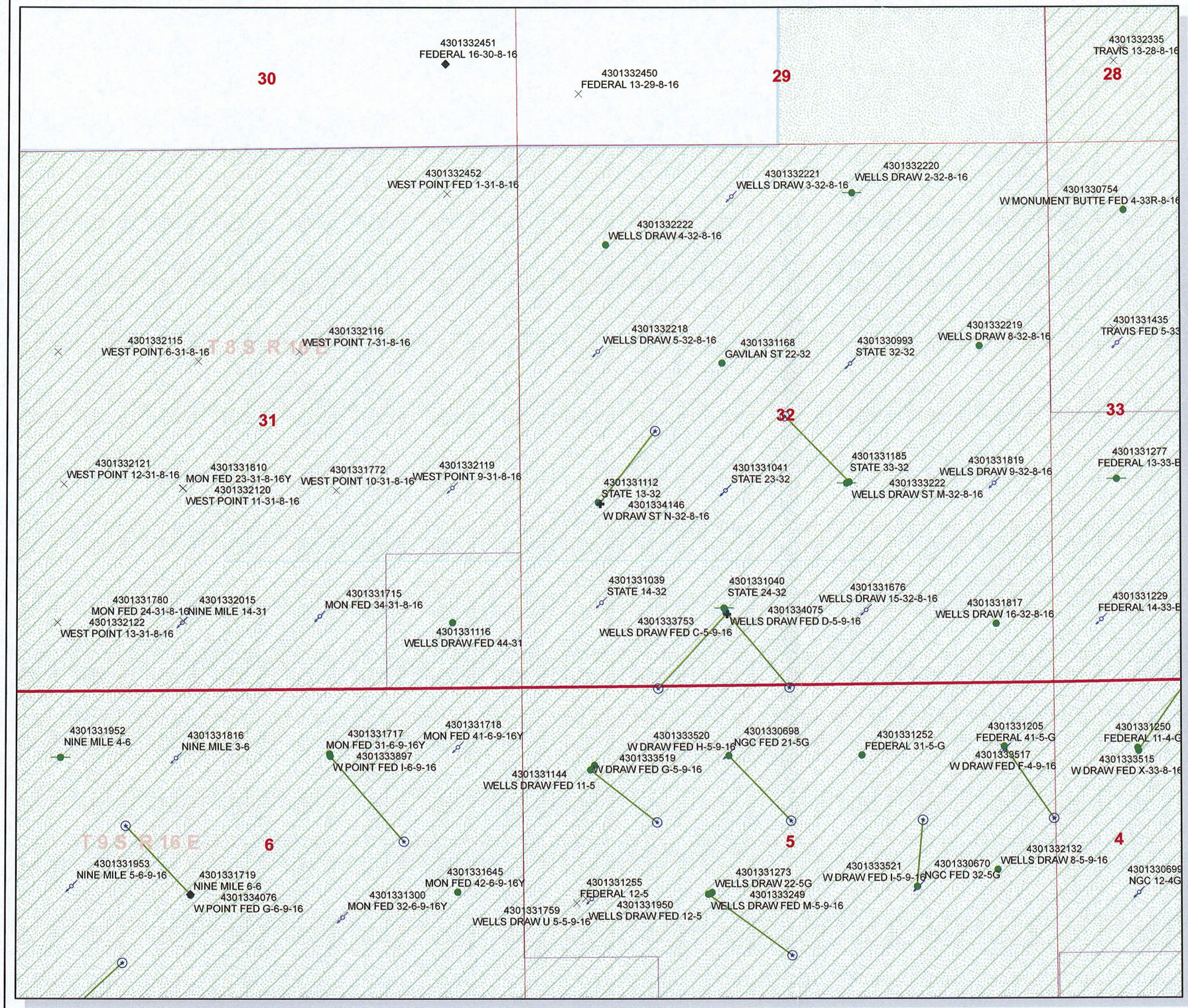
Well Name: W DRAW ST N-32-8-16

Township 08.0 S Range 16.0 E Section 32

Meridian: SLBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason



Units
STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields
STATUS
- ACTIVE
- COMBINED
- Sections
- Township

Wells Query Events
- <all other values>

GIS_STAT_TYPE
- <Null>
- APD
- DRL
- GI
- GS
- LA
- NEW
- OPS
- PA
- PGW
- POW
- RET
- SGW
- SOW
- TA
- TW
- WD
- WI
- WS

1,300 650 0 1,300 Feet

1:12,000

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
1208	43-013-34146-00-00		OW	S	No

Operator NEWFIELD PRODUCTION COMPANY **Surface Owner-APD**
Well Name W DRAW ST N-32-8-16 **Unit** WELLS DRAW (GRRV)
Field MONUMENT BUTTE **Type of Work**
Location NWSW 32 8S 16E S 1809 FSL 788 FWL GPS Coord (UTM) 572553E 4435904N

Geologic Statement of Basis

Newfield proposes to set 300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 700'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 32. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect useable sources of underground water.

Brad Hill	12/23/2008
APD Evaluator	**Date / Time**

Surface Statement of Basis

The proposed Wells Draw State N-32-8-16 oil well is a directional well to be drilled from the existing pad of the Wells Draw State 13-32-8-16 that is an existing oil well. No changes to the previously disturbed area of the original pad are planned. The reserve pit will be re-dug near the original location in the southeast corner of the pad. The well is on a 20-acre spacing.

A field review of the existing pad showed no concerns as it now exists and should be suitable for drilling and operating the proposed additional well.

SITLA owns both the surface and the minerals. They were invited to the pre-site visit but did not attend.

Pat Rainbolt and Ben Williams of the Utah Division of Wildlife resources attended the evaluation. They said the additional well should have no significant impacts on wildlife and occupying an existing location rather than disturbing a new area lessened impacts.

Floyd Bartlett	12/22/2008
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name W DRAW ST N-32-8-16
API Number 43-013-34146-0 **APD No** 1208 **Field/Unit** MONUMENT BUTTE
Location: 1/4,1/4 NWSW **Sec** 32 **Tw** 8S **Rng** 16E 1809 FSL 788 FWL
GPS Coord (UTM) 572566 4435880 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Tim Eaton and Brian Foote (Newfield) and Ben Williams and Tim Rainbolt (UDWR).

Regional/Local Setting & Topography

The proposed Wells Draw State N-32-8-16 oil well is a directional well to be drilled from the existing pad of the Wells Draw State 13-32-8-16 that is an existing oil well. No changes to the previously disturbed area of the original pad are planned. The reserve pit will be re-dug near the original location in the southeast corner of the pad. The well is on a 20-acre spacing.

A field review of the existing pad showed no concerns as it now exists and should be suitable for drilling and operating the proposed additional well.

SITLA owns both the surface and the minerals. They were invited to the pre-site visit but did not attend.

Surface Use Plan

Current Surface Use
Existing Well Pad

New Road Miles	Well Pad Width	Well Pad Length	Src Const Material	Surface Formation

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna
Existing well pad.

Soil Type and Characteristics

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? **Paleo Potental Observed?** N **Cultural Survey Run?** **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	<300	20
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
	Final Score	40 1 **Sensitivity Level**

Characteristics / Requirements

A reserve pit will be re-dug in the original location. Its dimensions are 80' x 40' x 8' deep. A 16-mil liner with an appropriate sub-liner is required.

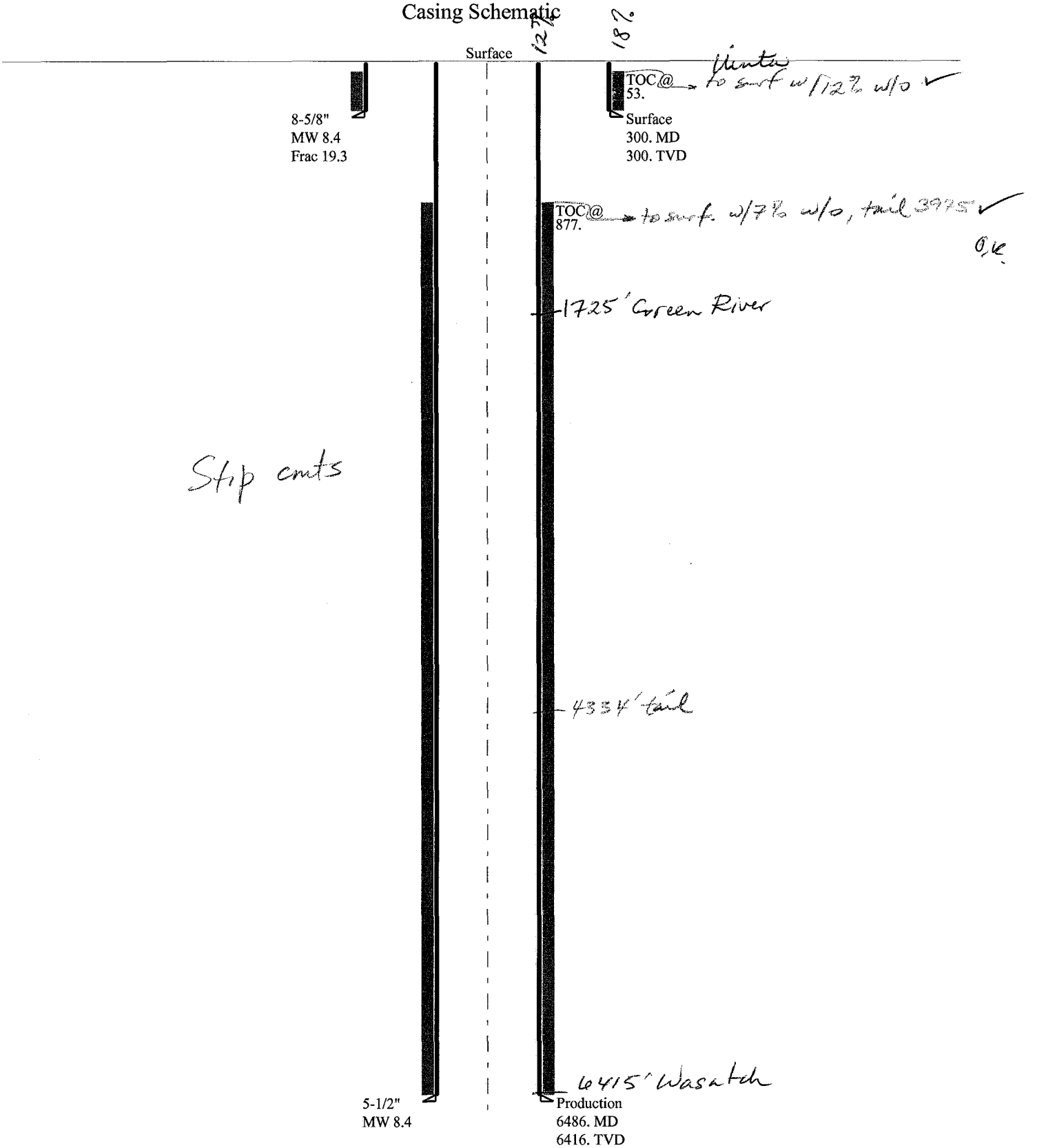
Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

Floyd Bartlett	12/22/2008
Evaluator	**Date / Time**

43013341460000 Newfield West Draw ST N-32-8-16

Casing Schematic



Well name:	**43013341460000 Newfield West Draw ST N-32-8-16**
Operator:	**Newfield Production Company**
String type:	Surface
Project ID:	43-013-34146-0000
Location:	Duchesne County

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 264 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 300 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 262 ft

Environment:
H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 69 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 185 ft

Cement top: 53 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 6,416 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,800 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 300 ft
Injection pressure: 300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	300	8.625	24.00	J-55	ST&C	300	300	7.972	107.2

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	131	1370	10.469	300	2950	9.83	7	244	33.90 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 810-538-5357
Date: January 13,2009
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 300 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43013341460000 Newfield West Draw ST N-32-8-16**
Operator:	**Newfield Production Company**
String type:	Production
Project ID:	43-013-34146-0000
Location:	Duchesne County

Design parameters:

Collapse

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,388 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,800 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.
Neutral point: 5,660 ft

Environment:

H2S considered?	No
Surface temperature:	65 °F
Bottom hole temperature:	155 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	368 ft
Cement top:	877 ft

Directional well information:

Kick-off point	600 ft
Departure at shoe:	892 ft
Maximum dogleg:	1.5 °/100ft
Inclination at shoe:	9.2 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	6486	5.5	15.50	J-55	LT&C	6416	6486	4.825	866.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2800	4040	1.443	2800	4810	1.72	87	217	2.50 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining

Phone: 810-538-5357

Date: January 13,2009
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 6416 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW — Newfield W Draw ST N-32-8-16 — API 43-013-34146-0000

INPUT

Well Name	Newfield W Draw ST N-32-8-16	API 43-013-34146-0000		
	String 1	String 2		
Casing Size (")	8 5/8	5 1/2		
Setting Depth (TVD)	300	6415		
Previous Shoe Setting Depth (TVD)	0	300		
Max Mud Weight (ppg)	8.4	8.4 ✓		
BOPE Proposed (psi)	0	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2778	8.3 ppg ✓		

Calculations	String 1	8 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	131	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	95	NO Air drill
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	65	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	65	~~S~~ NO Depth used in Area
Required Casing/BOPE Test Pressure		300	psi
*Max Pressure Allowed @ Previous Casing Shoe =		0	psi *Assumes 1psi/ft frac gradient

Calculations	String 2	5 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	2802	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	2032	NO ~~Air Drill~~
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1391	YES ✓
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	1457	NO - Known Area
Required Casing/BOPE Test Pressure		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe =		300	psi *Assumes 1psi/ft frac gradient

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

December 9, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Wells Draw Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Wells Draw Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION

(Proposed PZ Green River)

43-013-34153 Wells Draw Fed H-4-9-16 Sec 04 T09S R16E 0512 FNL 1916 FEL
BHL Sec 04 T09S R16E 1275 FNL 2740 FWL

43-013-34154 Wells Draw Fed B-4-9-16 Sec 04 T09S R16E 0730 FNL 0571 FEL
BHL Sec 04 T09S R16E 0020 FNL 1180 FEL

43-013-34146 W Draw State N-32-8-16 Sec 32 T08S R16E 1809 FSL 0788 FWL
BHL Sec 32 T08S R16E 2509 FSL 1340 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Wells Draw Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

NEWFIELD
ROCKY MOUNTAINS

December 9, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Wells Draw State N-32-8-16
Wells Draw Unit
UTU-72613A
Surface Hole: T8S R16E, Section 32: NWSW
1809' FSL 788' FWL
Bottom Hole: T9S R16E, Section 32
2509' FSL 1340' FWL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated November 20, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Wells Draw Unit UTU-72613A. Newfield certifies that it is the Wells Draw Unit Operator and all lands within 460 feet of the entire directional well bore are within the Wells Draw Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com . Your consideration of this matter is greatly appreciated.

Sincerely,

Roxann Eveland

Roxann Eveland
Land Associate

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: ML-45555	6. SURFACE: State
1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
B. TYPE OF WELL: OIL ☑ GAS ☐ OTHER _____ SINGLE ZONE ☑ MULTIPLE ZONE ☐	8. UNIT or CA AGREEMENT NAME: Wells Draw
2. NAME OF OPERATOR: Newfield Production Company	9. WELL NAME and NUMBER: Wells Draw State N-32-8-16
3. ADDRESS OF OPERATOR: Route #3 Box 3630 CITY Myton STATE UT ZIP 84052 — PHONE NUMBER: (435) 646-3721	10. FIELD AND POOL, OR WILDCAT: Monument Butte
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: NW/SW 1809' FSL 788' FWL AT PROPOSED PRODUCING ZONE: 2509' FSL 1340' FWL	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 32 8S 16E
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 10.2 miles southwest of Myton, Utah	12. COUNTY: Duchesne — 13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): Approx, 1340' f/lse line, 1340' f/unit line	16. NUMBER OF ACRES IN LEASE: 640.00 acres — 17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 20 acres
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): Approx. 1278'	19. PROPOSED DEPTH: 6,395 — 20. BOND DESCRIPTION: Hartford Accident #4471291
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5748' GL	22. APPROXIMATE DATE WORK WILL START: 1st Qrtr. 2009 — 23. ESTIMATED DURATION: (7) days from SPUD to rig release

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12 1/4	8 5/8	J-55	24.0	300	Class G w/2% CaCl	155 sx +/-	1.17	15.8
7 7/8	5 1/2	J-55	15.5	6,395	Lead(Prem Lite II)	275 sx +/-	3.26	11.0
					Tail (50/50 Poz)	450 sx +/-	1.24	14.3

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Mandie Crozier — TITLE Regulatory Specialist

SIGNATURE Mandie Crozier — DATE 12/20/08

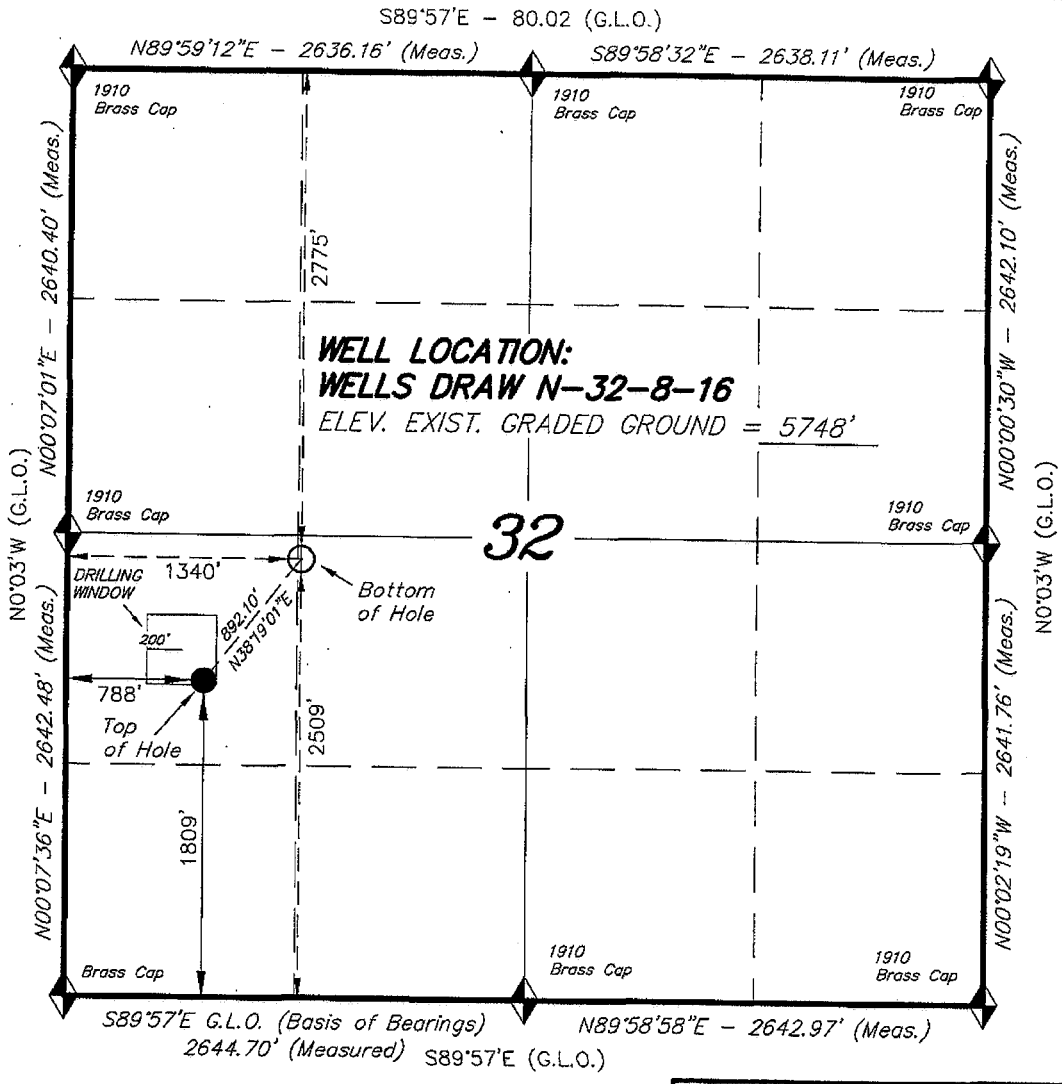
(This space for State use only)

API NUMBER ASSIGNED: _____ APPROVAL:

(11/2001) (See Instructions on Reverse Side)

RECEIVED
DEC 15 2008
DIV. OF OIL, GAS & MINING

T8S, R16E, S.L.B.&M.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, WELLS DRAW N-32-8-16, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 OF SECTION 32, T8S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

1000' 500' 0' 1000'
BAR SCALE

N

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No.189377
STATE OF UTAH
STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

WELLS DRAW N-32-8-16
(Surface Location) NAD 83
LATITUDE = 40° 04' 19.70"
LONGITUDE = 110° 08' 59.68"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 10-14-08	SURVEYED BY: T.C.
DATE DRAWN: 10-15-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

From: Jim Davis
To: Bonner, Ed; Mason, Diana
Date: 12/30/2008 1:00 PM
Subject: SITLA well approvals (4 KMG, 2 Newfield)

CC: Garrison, LaVonne

The following wells have been approved by SITLA including arch and paleo clearance.

4304740431	NBU 1022-2B2S	Kerr-McGee Oil & Gas	Natural Buttes
4304740432	NBU 1022-2A3S	Kerr-McGee Oil & Gas	Natural Buttes
4304740433	NBU 1022-2A4S	Kerr-McGee Oil & Gas	Natural Buttes
4304740434	NBU 1022-2A2T	Kerr-McGee Oil & Gas	Natural Buttes
4304740420	STATE 1-36-6-20	Newfield Production Co.	Undesignated
4301334146	W DRAW ST N-32-8-16	Newfield Production Co.	Monument Butte

-Jim

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

January 22, 2009

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Wells Draw State N-32-8-16 Well, 1809' FSL, 788' FWL, NW SW, Sec. 32, T. 8 South, R. 16 East, Bottom Location 2509' FSL, 1340' FWL, NW SW, Sec. 32, T. 8 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34146.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
SITLA
Bureau of Land Management, Vernal Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: Newfield Production Company

Well Name & Number Wells Draw State N-32-8-16

API Number: 43-013-34146

Lease: ML-45555

Location:	NW SW	**Sec.** 32	**T.** 8 South	**R.** 16 East
Bottom Location:	NW SW	**Sec.** 32	**T.** 8 South	**R.** 16 East

Conditions of Approval

1. **General**

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

   The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

   - 24 hours prior to cementing or testing casing – contact Dan Jarvis
   - 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
   - 24 hours prior to spudding the well – contact Carol Daniels
   - Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
   - Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

   The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

   - Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
   - Any changes to the approved drilling plan – contact Dustin Doucet

   The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

   - Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
   - Carol Daniels at: (801) 538-5284 office
   - Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. **Reporting Requirements**

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross Rig # 21
Submitted By Ryan Crum Phone Number 823-7065
Well Name/Number Wells Draw State N-32-8-16
Qtr/Qtr NW/SW Section 32 Township 8s Range 16e
Lease Serial Number ML-45555
API Number 43-013-34146

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 1/1/2010 8:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 1/1/2010 1:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

_____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	17452	4301334237	UTE TRIBAL 4-19-4-2	NWNW	19	4S	2W	DUCHESNE	12/31/2009	

WELL 1 COMMENTS: GRRV

CONFIDENTIAL

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	17453	4301334235	UTE TRIBAL 2-19-4-2	NWNE	19	4S	2W	DUCHESNE	12/29/2009	

GRRV

CONFIDENTIAL

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
~~B~~	~~99999~~	~~17400~~	~~4301334094~~	~~MON BT NE N-25-8-16~~ B	NESE ~~SESE~~	~~25~~	~~8S~~	~~16E~~	~~DUCHESNE~~	~~1/2/2010~~	

~~GRRV~~ ~~BHL = SESE~~ INCORRECT — Resubmit

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400	4301334146	WELLS DRAW ST N-32-8-16	NWSW ~~NWSE~~	32	8S	16E	DUCHESNE	1/1/2010	

GRRV BHL = NWSW

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 5 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
JAN 13 2010
DIV. OF OIL, GAS & MINING

Signature: Jentri Park
Production Clerk
01/13/10
Date

DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM -FORM 6

ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	17452	4301334237	UTE TRIBAL 4-19-4-2	NWNW	19	4S	2W	DUCHESNE	12/31/2009	1/28/10

WELL 1 COMMENTS: GRRV

CONFIDENTIAL

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	17453	4301334235	UTE TRIBAL 2-19-4-2	NWNE	19	4S	2W	DUCHESNE	12/29/2009	1/28/10

GRRV

CONFIDENTIAL

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
~~B~~	~~99999~~	~~17400~~	~~4301334094~~	~~MON BT NE N-25-8-16~~ B	NESE ~~SESE~~	~~25~~	~~8S~~	~~16E~~	~~DUCHESNE~~	~~1/2/2010~~	

~~GRRV~~ BHL = SESE INCORRECT — Resubmit

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400	4301334146	WELLS DRAW ST N-32-8-16	NWSW ~~NWSE~~	32	8S	16E	DUCHESNE	1/1/2010	1/28/10

GRRV BHL = NWSW

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 5 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

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- E - ther (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

JAN 13 2010

DIV. OF OIL, GAS & MINING

Signature

Jentri Park

Production Clerk

01/13/10

Date

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:	UTAH STATE ML-21836
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	GMBU
1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER	8. WELL NAME and NUMBER: WELLS DRAW N-32-8-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 4301334146
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721	10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL: FOOTAGES AT SURFACE:	COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 32, T8S, R16E	STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
01/08/2010	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Spud Notice
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 1/1/10 MIRU Ross # 21.Spud well @ 8:00am. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 323.65'On 1/2/10 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

NAME (PLEASE PRINT) Don Bastian TITLE Drilling Foreman

SIGNATURE Don Bastian DATE 01/08/2010

(This space for State use only)

RECEIVED
JAN 28 2010
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT **323.65**

LAST CASING **14** SET AT **4**
DATUM **12**
DATUM TO CUT OFF CASING **12**
DATUM TO BRADENHEAD FLANGE **12**
TD DRILLER **320** LOGGER
HOLE SIZE **12 1/4"**

OPERATOR **Newfield Exploration Company**
WELL **WELLS DRAW N-32-8-16**
FIELD/PROSPECT **Monument Butte**
CONTRACTOR & RIG # **Ross Rig #21**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		Well Head				A	0.95
7	8 5/8"	ST&C Casing (Shoe Jt. 44.65')	24#	J-55	STC	A	309.8
1		Guide Shoe				A	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	311.65	7
LESS NON CSG. ITEMS	1.85	
PLUS FULL JTS. LEFT OUT	0	
TOTAL	309.8	7
TOTAL CSG. DEL. (W/O THRDS)	309.8	7
TIMING		
BEGIN RUN CSG. Spud	8:00 AM	1/1/2010
CSG. IN HOLE	4:00 PM	1/1/2010
BEGIN CIRC	10:48 AM	1/2/2010
BEGIN PUMP CMT	11:00 AM	1/2/2010
BEGIN DSPL. CMT	11:15 AM	1/2/2010
PLUG DOWN	**11:20 AM**	**1/2/2010**

TOTAL LENGTH OF STRING	311.65
LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	14
CASING SET DEPTH	**323.65**

} COMPARE

GOOD CIRC THRU JOB Yes
Bbls CMT CIRC TO SURFACE 7
RECIPROCATED PIPE No

BUMPED PLUG TO 501

CEMENT USED		CEMENT COMPANY- **BJ**
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	160	Class G +2% Calcium Chloride Mixed @ 15.8 ppg & 1.17 yield
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Middle First,Top 2nd,3rd For Total Of Three		

COMPANY REPRESENTATIVE **Don Bastian** DATE **1/8/2009**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-21836

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: GMBU

1. TYPE OF WELL: OIL WELL [x] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: WELLS DRAW N-32-8-16

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301334146

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 32, T8S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[x] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
02/06/2010	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[x] OTHER: - Weekly Status Report
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 02-06-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE [signature] DATE 02/11/2010

(This space for State use only)

RECEIVED
FEB 16 2010
DIV. OF OIL, GAS & MINING

NEWFIELD
ROCKY MOUNTAINS

Daily Completion Report

Well Name: WELLS DRAW N-32-8-16
AFE: 18344
Report Date: 1/29/10
Operation: Waiting for frac crew

Field:	GMBU CTB1	**Rig Name:**	Rigless	**Work Performed:**	1/29/2010
Location:	S32 T8S R16E	**Supervisor:**	Orson Barney	**Day:**	1
County:	DUCHESNE	**Phone:**	435- 823-6778	**Daily Cost:**	10,853
State:	UT	**Email:**	obarney@newfield.com	**Cum DCR:**	10,853
				Cum. Well Cost:	320,572

24 Hr Summary:	CBL & perforate 1st stage.
24 Hr Plan Forward:	Wait on frac crew

Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	7	**Conditions:**	

Critical Comments

0 Hr(s); P : NU frac head & Cameron BOP's. RU Hot oiler & test casing, frac head, frac valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6351' w/ TOC @ 38'. RIH w/ 3 1/8" ported guns & perforate Bsl sds @ 6279- 82', CP5 sds @ 6244- 46' & CP4 sds @ 6190' w/ (19 gram, .49"EH, 16.82¿ pen. 120°) 3 spf for total of 21 shots. RD WLT & Hot Oiler. SIFN w/ 153 bbls BWTR.

NEWFIELD
ROCKY MOUNTAINS

Daily Completion Report

Well Name: WELLS DRAW N-32-8-16
AFE: 18344
Report Date: 2/1/10
Operation: Wait on completion rig.

Field:	GMBU CTB1	**Rig Name:**	Rigless	**Work Performed:**	2/1/2010
Location:	S32 T8S R16E	**Supervisor:**	Don Dulen	**Day:**	2
County:	DUCHESNE	**Phone:**	435- 823-6772	**Daily Cost:**	$150,456
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$161,309
				Cum. Well Cost:	$471,028

24 Hr Summary:	Frac 5 stages. Flowback well. Recovered 600 bbls. Turned to oil. SWIFN. 3340 BWTR.
24 Hr Plan Forward:	Set kill plug. MIRU completion rig.

Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	17	**Conditions:**	

Critical Comments

0 Hr(s); P : RU BJ Services. Frac BSL/CP5/CP4 sds as shown in stimulation report. 572 BWTR.

0 Hr(s); P : RU PSI wireline & crane. Set CBP @ 6100'. Perf CP2/CP.5 sds as shown in perforation report. RU BJ Services. Frac CP2/CP.5 sds as shown in stimulation report. 876 BWTR.

0 Hr(s); 0 : RU PSI wireline & crane. Set solid CBP @ 5850'. Perf LODC sds as shown in perforation report. RU BJ Services. Pumped acid w/ bio balls ahead of frac. Frac LODC sds as shown in stimulation report. 3101 BWTR.

0 Hr(s); P : RU PSI wireline & crane. Set CBP @ 5505'. Perf A3/A.5 sds as shown in perforation report. RU BJ Services. Frac A3/A.5 sds as shown in stimulation report. 3573 BWTR.

0 Hr(s); P : RU PSI wireline & crane. Set CBP @ 4800'. Perf PB10 sds as shown in perforation report. RU BJ Services. Frac PB10 sds as shown in stimulation report. RD PSI wireline & BJ Services. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 4 hrs & turned to oil. Recovered 600 bbls. SWIFN. 3340 BWTR.

NEWFIELD
ROCKY MOUNTAINS

Daily Completion Report

Well Name: WELLS DRAW N-32-8-16
AFE: 18344
Report Date: 2/3/10
Operation: DU CBPs.

Field:	GMBU CTB1	**Rig Name:**	Nabors #814	**Work Performed:**	2/2/2010
Location:	S32 T8S R16E	**Supervisor:**	Don Dulen	**Day:**	3
County:	DUCHESNE	**Phone:**	435- 823-6772	**Daily Cost:**	$35,813
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$197,122
				Cum. Well Cost:	$506,841

24 Hr Summary:	Set kill plug. ND Cameron BOP. NU Schaeffer BOP. RIH w tbg.
24 Hr Plan Forward:	DU CBPs.

Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	9	**Conditions:**

Critical Comments

0 Hr(s); P : RU The Perforators wireline. Thaw well w/ hotoiler. 800 psi on well. Set Composite kill plug @ 4680'. Bleed off well. RD wireline crew. MIRU Nabors #814. ND Cameron BOP & 5m frac head. NU 3m production head & Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from pipe racks (tallying & drifting) to 4000'. SWIFN.

NEWFIELD
ROCKY MOUNTAINS

Daily Completion Report

Well Name: WELLS DRAW N-32-8-16
AFE: 18344
Report Date: 2/4/10
Operation: C/O to PBTD. Swab for cleanup.

Field:	GMBU CTB1	**Rig Name:**	Nabors #814	**Work Performed:**	2/3/2010
Location:	S32 T8S R16E	**Supervisor:**	Don Dulen	**Day:**	4
County:	DUCHESNE	**Phone:**	435- 823-6772	**Daily Cost:**	$13,190
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$210,312
				Cum. Well Cost:	$520,031

24 Hr Summary:	DU CBPs.						
24 Hr Plan Forward:	C/O to PBTD. Swab for cleanup.						
Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	5	**Conditions:**	

Critical Comments

0 Hr(s); P : Thaw well w/ hotoiler. 0 psi on well. Cont. RIH w/ tbg. Tag CBP @ 4680'. RU powerswivel & pump. DU CBP in 30 min. Cont. RIH w/ tbg. Tag fill @ 4787'. C/O to CBP @ 4800'. DU CBP in 20 min. Cont. RIH w/ tbg. Tag CBP @ 5505'. DU CBP in 35 min. Cont. RIH w/ tbg. Tag fill @ 5730'. C/O to CBP @ 5850'. DU CBP in 20 min. Cont. RIH w/ tbg. Tag CBP @ 6100'. DU CBP in 20 min. Circulate well clean. SWIFN. 3280 BWTR.

NEWFIELD
ROCKY MOUNTAINS

Daily Completion Report

Well Name: WELLS DRAW N-32-8-16
AFE: 18344
Report Date: 2/5/10
Operation: Round trip tbg. PU rods.

Field:	GMBU CTB1	**Rig Name:**	Nabors #814	**Work Performed:**	2/5/2010
Location:	S32 T8S R16E	**Supervisor:**	Don Dulen	**Day:**	5
County:	DUCHESNE	**Phone:**	435- 823-6772	**Daily Cost:**	$6,236
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$216,548
				Cum. Well Cost:	$526,267

24 Hr Summary:	C/O to PBTD @ 6413'. Flow well.
24 Hr Plan Forward:	Round trip tbg. PU rods.

Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	6	**Conditions:**	

Critical Comments

0 Hr(s); P : Thaw well w/ hotoiler. Csg. @ 500 psi, tbg. @ 150 psi. Bleed off well. Cont. RIH w/ tbg. Tag fill @ 6291'. C/O to PBTD @ 6413'. Circulate well clean. Pull up to 6252'. Flow well. Recovered 150 bbls. RU pump to 30 bbls water. RIH w/ tbg. Tag fill @ 6403'. C/O to PBTD @ 6413'. Pull up to 6250'. SWIFN. 3160 BWTR.

NEWFIELD
ROCKY MOUNTAINS

Daily Completion Report

Well Name: WELLS DRAW N-32-8-16
AFE: 18344
Report Date: 2/6/10
Operation: RU pumping unit. Produce well.

Field:	GMBU CTB1	**Rig Name:**	Nabors #814	**Work Performed:**	2/5/2010
Location:	S32 T8S R16E	**Supervisor:**	Don Dulen	**Day:**	6
County:	DUCHESNE	**Phone:**	435- 823-6772	**Daily Cost:**	$6,532
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$223,080
				Cum. Well Cost:	$532,799

24 Hr Summary:	Round trip tbg. PU rods.
24 Hr Plan Forward:	RU pumping unit. Produce well.

Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	6	**Conditions:**	

Critical Comments

0 Hr(s); P : Thaw well w/ hotoiler. Csg. @ 480 psi, tbg. @ 430 psi. Bleed off well. Kill well w/ 140 bbls 10# brine water. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 1 jt 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 199 jts 2 7/8" tbg. ND BOP. Set TAC @ 6255' w/ 17,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ Central Hydraulic 2 1/2" x 1 3/4" x 21' RHAC rod pump, 4- 1 1/2" weight bars, 247- 7/8" guided rods (8 per), 1- 6', 2' x 7/8" pony subs, 1 1/2" x 30' polished rod. SWIFN. 3190 BWTR.

NEWFIELD
ROCKY MOUNTAINS

Final Daily Completion Report

Well Name: WELLS DRAW N-32-8-16
AFE: 18344
Report Date: 2/8/10
Operation: Produce well.

Field:	GMBU CTB1	**Rig Name:**	Nabors #814	**Work Performed:**	2/6/2010
Location:	S32 T8S R16E	**Supervisor:**	Don Dulen	**Day:**	7
County:	DUCHESNE	**Phone:**	435- 823-6772	**Daily Cost:**	$39,216
State:	UT	**Email:**	ddulen@newfield.com	**Cum DCR:**	$262,296
				Cum. Well Cost:	$572,015

24 Hr Summary:	RU pumpingi unit. Hang off rods. Stroke test to 800 psi. Good pump action. Put well on production @ 12:00 p.m. 120" stroke, 5 spm.
24 Hr Plan Forward:	Produce well.

Incidents:	None	**Newfield Pers:**	1	**Contract Pers:**	5	**Conditions:**

Critical Comments

0 Hr(s); P : Tbg. @ 50 psi. Bleed off tbg. RU pumping unit. Hang off rods. Stroke test to 800 psi. Good pump action. RD. Put well on production @ 12:00 p.m. 120" stroke length, 5 spm. Final Report.

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: ML-21836

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.: GMBU

2. Name of Operator: NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.: WELLS DRAW N-32-8-16

3. Address: 1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. *(include area code)*: (435)646-3721

9. AFI Well No.: 43-013-34146

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface: 1809' FSL & 788' FWL (NW/SW) SEC. 32, T8S, R16E ML-21836

10. Field and Pool or Exploratory: MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area: SEC. 32, T8S, R16E

At top prod. interval reported below: 2415' FSL & 1268' FWL (NW/SW) SEC. 32, T8S, R16E ML-21836
2640 FSL 1472 FWL NESW

At total depth: 2631' FNL & 1472' FWL (SE/NW) SEC. 32, T8S, R16E ML-21836

12. County or Parish: DUCHESNE

13. State: UT

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
01/01/2010	01/17/2010	☐ D & A ☑ Ready to Prod. 02/06/2010	5748' GL 5760' KB

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 6466' TVD 6360'	MD 6351' TVD 6246'	MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	324'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6452'		280 PRIMLITE		38'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6323'	TA @ 6256'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			See Below			
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
See Below	See Below

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
2-6-10	2-15-10	24	→	20	0	15			2-1/2" x 1-3/4" x 21' RHAC Pump

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MRK	3946'
				GARDEN GULCH 1	4167'
				GARDEN GULCH 2	4285'
				POINT 3	4551'
				X MRKR	4822'
				Y MRKR	4855'
				DOUGALS CREEK MRK	4969'
				BI CARBONATE MRK	5207'
				B LIMESTON MRK	5315'
				CASTLE PEAK	5909'
				BASAL CARBONATE	6355'

32. Additional remarks (include plugging procedure):

Stage 1: Green River Formation (Bsl, CP4 & CP5) 6279-82', 6190-92', 6244-46', .36" 3/21 Frac w/ 35259#'s of 20/40 sand in 228 bbls of Lightning 17 fluid

Stage 2: Green River Formation (CP2 & CP.5) 6009-6017', 5933-5934', .34" 3/21 Frac w/ 14762#'s of 20/40 sand in 123 bbls of Lightning 17 fluid

Stage 3: Green River Formation (LODC) 5536-5774' .34" 3/54 Frac w/ 301072#'s of 20/40 sand in 1778 bbls of Lightning 17 fluid

Stage 4: Green River Formation (A3 & A.5) 5461-5466', 5387-5390', .34" 3/24 Frac w/ 50463#'s of 20/40 sand in 306 bbls of Lightning 17 fluid

Stage 5: Green River Formation (PB10) 4732-4742' .34" 3/39 Frac w/ 28167#'s of 20/40 sand in 224 bbls of Lightning 17 fluid

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Lucy Chavez-Naupoto Title Administrative Assistant

Signature Lucy Chavez-Naupoto Date 02/26/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

Daily Activity Report

Format For Sundry

WELLS DRAW N-32-8-16

11/1/2009 To 3/28/2010

WELLS DRAW N-32-8-16 **Waiting on Cement**
Date: 1/8/2010
Ross #21 at 320. Days Since Spud - P/U Run 7 jts 8 5/8" Csg (Guide Shoe,Shoe Jt,Baffel Plate,6 jts) Set @ 323.65'/KB - BLM & State Were Notified Of Spud & Running Of Casing By E-Mail - on 1/2/10 Cemented With 160sk Class G +2% CaCl Mixed At 15.8 ppg & 1.17 yield Returned 7 bbls to - Ross Rig #21 Spud Wells Draw State N-32-8-16 On 1/1/10 @ 8:00 Am Drilled 320' Of 12 1/4" Hole - pit
Daily Cost: $0
Cumulative Cost: $46,427

WELLS DRAW N-32-8-16 **Rigging Up**
Date: 1/11/2010
Ross #21 at 320. 0 Days Since Spud - Rig Down Prepair For Rig Move
Daily Cost: $0
Cumulative Cost: $50,659

WELLS DRAW N-32-8-16 **Drill 7 7/8" hole with fresh water**
Date: 1/13/2010
NDSI #2 at 1601. 1 Days Since Spud - Pick up Bit Mud motor and directional tools and scribe, Pick up BHA and Tag @ 275' - Test Pipe,blind rams,choke,safety valve,upperkelly to 2,000PSI, and casing to 1,500 PSI Test Good - MIRU on the WD N-32-8-16 Set all surface equipment - Drill 7 7/8" hole with fresh water to a depth of 1601'
Daily Cost: $0
Cumulative Cost: $99,410

WELLS DRAW N-32-8-16 **Drill 7 7/8" hole with fresh water**
Date: 1/14/2010
NDSI #2 at 3278. 2 Days Since Spud - Drill 7 7/8" hole with fresh water to a depth of 2012' - Repair swivel - Drill 7 7/8" hole with fresh water to a depth of 3278' - Rig Service check BOP check Crown-O-Matic
Daily Cost: $0
Cumulative Cost: $118,179

WELLS DRAW N-32-8-16 **Drill 7 7/8" hole with fresh water**
Date: 1/15/2010
NDSI #2 at 4640. 3 Days Since Spud - Drill 7 7/8" hole with fresh water to a depth of 4640' - Drill 7 7/8" hole with fresh water to a depth of 3691' - Rig Service check BOP check Crown-O-Matic
Daily Cost: $0
Cumulative Cost: $136,448

WELLS DRAW N-32-8-16 **Drill 7 7/8" hole with fresh water**
Date: 1/16/2010
NDSI #2 at 5686. 4 Days Since Spud - Rig Service - Drill 7 7/8" Hole With Fresh Water To Depth Of 4925' - Drill 7 7/8" Hole With Fresh Water To Depth Of 5686' - Well Flowing 1

gal/Min @ 5600' - Boiler 24 Hrs - No H2s Reported Last 24 Hrs
Daily Cost: $0
Cumulative Cost: $161,321

WELLS DRAW N-32-8-16 **Running casing**
Date: 1/17/2010
NDSI #2 at 6466. 5 Days Since Spud - LDDP & BHA - R/U Phoenix Surveys Run DISGL/SP/GR Suite: TD T0 Surface Casing,DNS/SDL/CAL Suite Logs TD To 3000' - R/U B&C Quick Test. Test 5 1/2" Casing Rams To 2,000 PSI - R/U Mascus Liddell Casing Crew Run 5 1/2" Casing - No H2s Reported Last 24 Hrs - Boiler 24 Hrs - Run 172 Jts 5.5 J-55 15.5# Csg Set @ 6452.49'/KB. Float Collar Set @ 6413.10' - Circ Casing - Cement With BJ. 1st Stage 280 Sk PL II +3% KCL +5# CSE +0.5# KOL +.5SMS +FP +SFMixed @ 11.0 ppg - 2nd Stage 400 sk 50:50:2 +3% KCL +0.5#EC-1 +.25# CF +0.5# SF +.3SMS +FP-6L Mixed @ 14.4 ppg - Returned 43 bbls To Pit - Nipple Down Bop's Set Slips With 105,000# Tenson - Clean Mud Tanks - Released Rig @ 5:30 PM 1/17/2010 - No H2s Reported Last 24 Hrs - Boiler 24 Hrs - Circ Hole For Laydown & Logs - Drill 7 7/8" Hole With Fresh Water Ato Depth Of 6466' TD - Rig Service - Drill 7 7/8" Hole With Fresh To Depth Of 6067' - Boiler 24 Hrs - No H2s Reported Last 24 Hrs - Released Rig @ 5:30 PM 1/17/2010 - Clean Mud Tanks - Nipple Down Bop's Set Slips With 105,000# Tenson - Returned 43 bbls To Pit - 2nd Stage 400 sk 50:50:2 +3% KCL +0.5#EC-1 +.25# CF +0.5# SF +.3SMS +FP-6L Mixed @ 14.4 ppg - Cement With BJ. 1st Stage 280 Sk PL II +3% KCL +5# CSE +0.5# KOL +.5SMS +FP +SFMixed @ 11.0 ppg - Circ Casing - Run 172 Jts 5.5 J-55 15.5# Csg Set @ 6452.49'/KB. Float Collar Set @ 6413.10' - Boiler 24 Hrs - No H2s Reported Last 24 Hrs - R/U Mascus Liddell Casing Crew Run 5 1/2" Casing - R/U B&C Quick Test. Test 5 1/2" Casing Rams To 2,000 PSI - R/U Phoenix Surveys Run DISGL/SP/GR Suite: TD T0 Surface Casing,DNS/SDL/CAL Suite Logs TD To 3000' - LDDP & BHA - Circ Hole For Laydown & Logs - Drill 7 7/8" Hole With Fresh Water Ato Depth Of 6466' TD - Drill 7 7/8" Hole With Fresh To Depth Of 6067' - Rig Service **Finalized**
Daily Cost: $0
Cumulative Cost: $212,592

Pertinent Files: Go to File List

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 32 T8S, R16E
N-32-8-16

Wellbore #1

Design: Wellbore #1

Standard Survey Report

19 January, 2010

NEWFIELD

HATHAWAYBURNHAM

Survey Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well N-32-8-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	WELL @ 5760.0ft (NEWFIELD RIG)
Site:	SECTION 32 T8S, R16E	**MD Reference:**	WELL @ 5760.0ft (NEWFIELD RIG)
Well:	N-32-8-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site	SECTION 32 T8S, R16E, SEC 32 T8S, R16E				
Site Position:		**Northing:**	7,196,687.77 ft	**Latitude:**	40° 4' 8.000 N
From:	Lat/Long	**Easting:**	2,019,528.34 ft	**Longitude:**	110° 8' 43.000 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.87 °

Well	N-32-8-16, SHL: LAT 40 04 19.70, LONG -110 08 59.68					
Well Position	**+N/-S**	0.0 ft	**Northing:**	7,197,851.86 ft	**Latitude:**	40° 4' 19.700 N
	+E/-W	0.0 ft	**Easting:**	2,018,213.95 ft	**Longitude:**	110° 8' 59.680 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,760.0 ft	**Ground Level:**	5,748.0 ft

Wellbore	Wellbore #1				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	12/31/2009	11.52	65.85	52,446

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**	
	0.0	0.0	0.0	38.32	

Survey Program **Date** 1/19/2010

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
425.0	6,466.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
425.0	0.94	217.82	425.0	-2.8	-2.1	-3.5	0.22	0.22	0.00
455.0	0.90	219.80	455.0	-3.1	-2.4	-4.0	0.17	-0.13	6.60
486.0	0.62	221.31	486.0	-3.4	-2.7	-4.4	0.91	-0.90	4.87
516.0	0.07	239.79	516.0	-3.6	-2.8	-4.6	1.85	-1.83	61.60
548.0	0.48	22.70	548.0	-3.5	-2.8	-4.4	1.68	1.28	446.59
578.0	0.94	29.08	578.0	-3.1	-2.6	-4.1	1.55	1.53	21.27
609.0	1.41	29.03	609.0	-2.6	-2.3	-3.5	1.52	1.52	-0.16
639.0	1.85	39.49	639.0	-1.9	-1.8	-2.6	1.76	1.47	34.87
670.0	2.22	41.93	669.9	-1.0	-1.1	-1.5	1.23	1.19	7.87
700.0	2.72	41.03	699.9	-0.1	-0.3	-0.2	1.67	1.67	-3.00
731.0	3.18	39.91	730.9	1.1	0.8	1.4	1.50	1.48	-3.61
762.0	3.56	41.18	761.8	2.5	2.0	3.2	1.25	1.23	4.10

NEWFIELD

HATHAWAYBURNHAM

Survey Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well N-32-8-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	WELL @ 5760.0ft (NEWFIELD RIG)
Site:	SECTION 32 T8S, R16E	**MD Reference:**	WELL @ 5760.0ft (NEWFIELD RIG)
Well:	N-32-8-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
792.0	3.91	42.83	791.7	4.0	3.3	5.1	1.22	1.17	5.50
822.0	4.24	40.57	821.7	5.6	4.7	7.3	1.22	1.10	-7.53
853.0	4.55	41.14	852.6	7.4	6.2	9.6	1.01	1.00	1.84
884.0	5.03	40.24	883.5	9.3	7.9	12.2	1.57	1.55	-2.90
915.0	5.49	38.77	914.3	11.5	9.7	15.1	1.55	1.48	-4.74
947.0	5.95	37.84	946.2	14.0	11.7	18.3	1.47	1.44	-2.91
979.0	6.20	37.07	978.0	16.7	13.8	21.7	0.82	0.78	-2.41
1,010.0	6.67	36.88	1,008.8	19.5	15.9	25.1	1.52	1.52	-0.61
1,042.0	7.14	35.86	1,040.6	22.6	18.1	29.0	1.52	1.47	-3.19
1,074.0	7.58	38.02	1,072.3	25.9	20.6	33.1	1.62	1.38	6.75
1,106.0	8.04	37.82	1,104.0	29.3	23.3	37.4	1.44	1.44	-0.63
1,137.0	8.35	36.92	1,134.7	32.8	26.0	41.8	1.08	1.00	-2.90
1,169.0	8.61	36.90	1,166.3	36.6	28.8	46.6	0.81	0.81	-0.06
1,201.0	8.85	37.16	1,198.0	40.5	31.7	51.4	0.76	0.75	0.81
1,232.0	9.40	37.40	1,228.6	44.4	34.7	56.3	1.78	1.77	0.77
1,264.0	9.65	36.70	1,260.1	48.6	37.9	61.6	0.86	0.78	-2.19
1,296.0	10.15	35.93	1,291.7	53.0	41.1	67.1	1.62	1.56	-2.41
1,327.0	10.48	35.71	1,322.2	57.5	44.4	72.7	1.07	1.06	-0.71
1,359.0	10.85	35.66	1,353.6	62.3	47.8	78.6	1.16	1.16	-0.16
1,391.0	11.27	35.67	1,385.0	67.3	51.4	84.7	1.31	1.31	0.03
1,486.0	11.93	36.99	1,478.1	82.7	62.7	103.8	0.75	0.69	1.39
1,581.0	12.27	38.27	1,571.0	98.5	74.9	123.7	0.46	0.36	1.35
1,676.0	12.35	39.12	1,663.8	114.3	87.6	144.0	0.21	0.08	0.89
1,771.0	12.26	40.06	1,756.6	129.9	100.5	164.2	0.23	-0.09	0.99
1,866.0	12.11	39.38	1,849.5	145.3	113.3	184.2	0.22	-0.16	-0.72
1,961.0	12.44	39.16	1,942.3	160.9	126.1	204.4	0.35	0.35	-0.23
2,055.0	12.52	37.60	2,034.1	176.9	138.7	224.8	0.37	0.09	-1.66
2,149.0	12.13	40.41	2,125.9	192.5	151.3	244.8	0.76	-0.41	2.99
2,247.0	12.04	38.61	2,221.7	208.3	164.4	265.3	0.40	-0.09	-1.84
2,340.0	12.52	36.26	2,312.6	224.0	176.4	285.1	0.75	0.52	-2.53
2,435.0	12.63	36.81	2,405.3	240.6	188.7	305.8	0.17	0.12	0.58
2,530.0	12.26	37.51	2,498.1	256.9	201.0	326.2	0.42	-0.39	0.74
2,625.0	11.65	40.70	2,591.0	272.2	213.4	345.9	0.95	-0.64	3.36
2,720.0	11.77	39.07	2,684.1	287.0	225.8	365.2	0.37	0.13	-1.72
2,815.0	11.34	36.31	2,777.1	302.0	237.4	384.2	0.74	-0.45	-2.91
2,910.0	11.57	40.55	2,870.2	316.8	249.2	403.1	0.92	0.24	4.46
3,005.0	12.74	41.07	2,963.1	331.9	262.2	423.0	1.24	1.23	0.55
3,100.0	13.32	42.52	3,055.7	347.9	276.5	444.4	0.70	0.61	1.53
3,195.0	12.55	41.67	3,148.2	363.7	290.8	465.6	0.83	-0.81	-0.89
3,290.0	12.77	41.01	3,240.9	379.3	304.5	486.4	0.28	0.23	-0.69
3,385.0	11.91	36.26	3,333.7	395.1	317.2	506.7	1.40	-0.91	-5.00
3,480.0	12.39	35.01	3,426.6	411.4	328.9	526.7	0.58	0.51	-1.32
3,576.0	12.04	35.65	3,520.4	428.0	340.6	547.0	0.39	-0.36	0.67
3,671.0	11.89	37.78	3,613.4	443.8	352.4	566.6	0.49	-0.16	2.24
3,765.0	11.29	37.43	3,705.5	458.7	363.9	585.5	0.64	-0.64	-0.37
3,860.0	11.76	38.35	3,798.5	473.7	375.6	604.5	0.53	0.49	0.97
3,955.0	10.96	38.34	3,891.7	488.4	387.2	623.2	0.84	-0.84	-0.01
4,049.0	10.52	37.34	3,984.0	502.2	397.9	640.7	0.51	-0.47	-1.06
4,144.0	10.79	40.44	4,077.4	515.9	408.9	658.3	0.67	0.28	3.26
4,239.0	11.68	39.72	4,170.6	530.0	420.9	676.8	0.95	0.94	-0.76
4,335.0	11.67	38.04	4,264.6	545.2	433.1	696.2	0.35	-0.01	-1.75
4,430.0	11.71	37.14	4,357.6	560.4	444.8	715.5	0.20	0.04	-0.95
4,525.0	11.60	38.06	4,450.7	575.6	456.5	734.7	0.23	-0.12	0.97
4,620.0	11.45	37.34	4,543.8	590.6	468.1	753.6	0.22	-0.16	-0.76

NEWFIELD

HATHAWAYBURNHAM

Survey Report

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well N-32-8-16
Project:	USGS Myton SW (UT)	**TVD Reference:**	WELL @ 5760.0ft (NEWFIELD RIG)
Site:	SECTION 32 T8S, R16E	**MD Reference:**	WELL @ 5760.0ft (NEWFIELD RIG)
Well:	N-32-8-16	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #1	**Database:**	EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,716.0	11.58	38.66	4,637.8	605.7	479.9	772.8	0.31	0.14	1.38
4,810.0	11.34	41.05	4,729.9	620.1	491.9	791.5	0.57	-0.26	2.54
4,906.0	10.57	38.90	4,824.2	634.0	503.6	809.7	0.91	-0.80	-2.24
5,001.0	10.70	38.00	4,917.6	647.8	514.5	827.2	0.22	0.14	-0.95
5,096.0	10.74	36.11	5,010.9	661.9	525.1	844.9	0.37	0.04	-1.99
5,191.0	9.69	40.94	5,104.4	675.1	535.6	861.7	1.43	-1.11	5.08
5,286.0	9.38	43.93	5,198.1	686.7	546.2	877.4	0.61	-0.33	3.15
5,381.0	9.54	43.80	5,291.8	697.9	557.0	893.0	0.17	0.17	-0.14
5,476.0	9.84	43.80	5,385.4	709.5	568.1	908.9	0.32	0.32	0.00
5,571.0	11.05	41.23	5,478.9	722.2	579.7	926.0	1.36	1.27	-2.71
5,666.0	11.25	41.03	5,572.1	736.0	591.8	944.4	0.21	0.21	-0.21
5,761.0	13.03	36.74	5,664.9	751.6	604.3	964.4	2.10	1.87	-4.52
5,856.0	11.91	41.56	5,757.7	767.5	617.2	984.9	1.61	-1.18	5.07
5,951.0	9.34	48.08	5,851.1	780.0	629.4	1,002.2	2.98	-2.71	6.86
6,046.0	9.60	44.02	5,944.8	790.8	640.7	1,017.7	0.75	0.27	-4.27
6,141.0	9.38	43.49	6,038.5	802.2	651.5	1,033.3	0.25	-0.23	-0.56
6,236.0	9.32	39.75	6,132.2	813.7	661.8	1,048.7	0.64	-0.06	-3.94
6,331.0	9.37	39.13	6,226.0	825.6	671.6	1,064.1	0.12	0.05	-0.65
6,414.0	7.54	43.58	6,308.1	834.8	679.6	1,076.3	2.34	-2.20	5.36
6,466.0	7.25	44.00	6,359.6	839.6	684.2	1,083.0	0.57	-0.56	0.81

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD

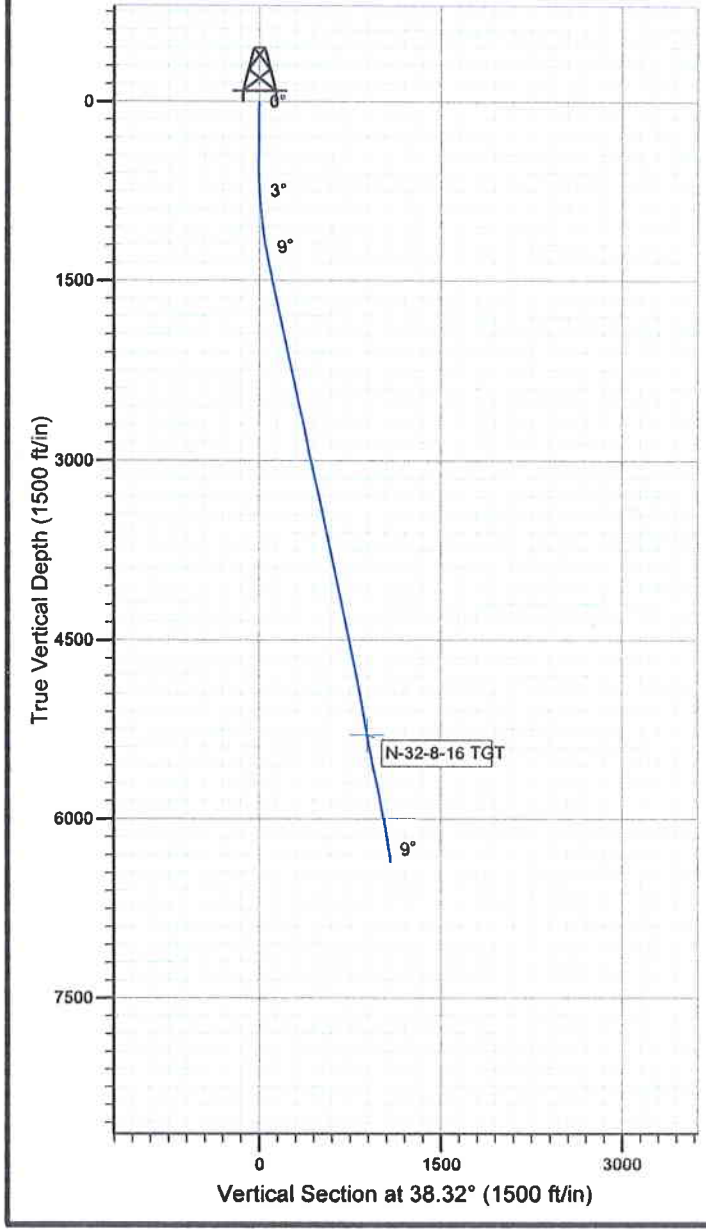
Project: USGS Myton SW (UT)
Site: SECTION 32 T8S, R16E
Well: N-32-8-16
Wellbore: Wellbore #1
SURVEY: Wellbore #1

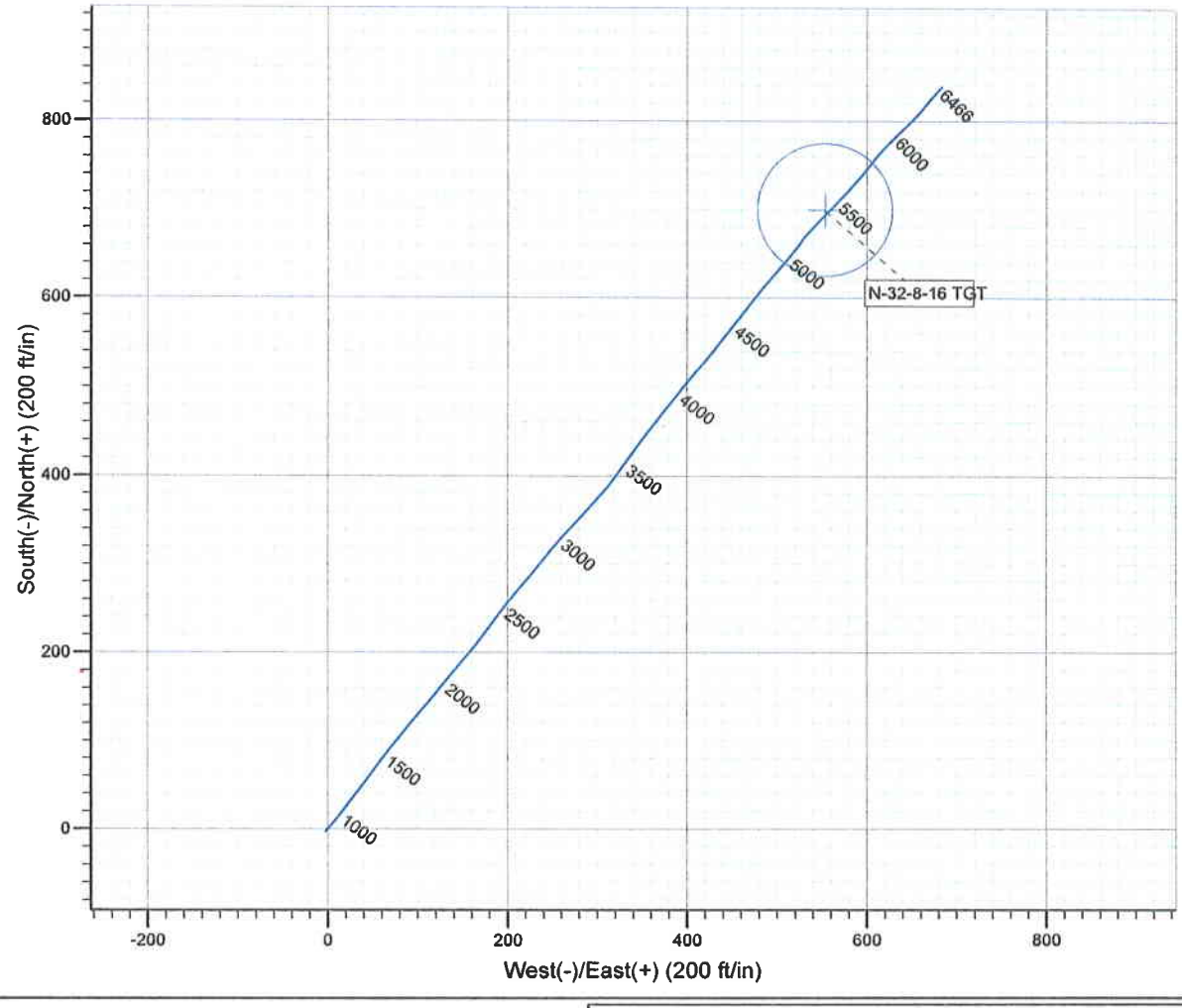
FINAL SURVEY REPORT

T M

Azimuths to True North
Magnetic North: 11.52°

Magnetic Field
Strength: 52446.2snT
Dip Angle: 65.85°
Date: 12/31/2009
Model: IGRF200510





Design: Wellbore #1 (N-32-8-16/Wellbore #1)

Created By: Jim Hudson Date: 13:39, January 19 2010

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

November 28, 2016

CERTIFIED MAIL NO.: 7015 0640 0003 5276 0440

43 013 34146
W Drw St N-32-8-16
32 8S 16E

Mr. Kirby Carroll
Newfield Production Company
1001 17th Street, STE 2000
Denver, CO 80202

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Carroll:

As of August 2016, Newfield has thirty-two (32) State and Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas and Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.

1594 West North Temple, Suite 1210, Salt Lake City, UT 84116
PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

All Submittals should be sent via ePermit

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet
Petroleum Engineer

DKD/DD/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years.Months Inactive
1	GMBU 2-16-9-18H	43-047-52013	ML-48378	4.4
2	Gulf State 36-13	43-047-31345	ML-22057	9.2
3	Moon 3-20-4-2	43-013-50007	Fee	3.5
4	S Mon Butte ST P-2-9-16	43-013-50118	ML-21839	3.6
5	State 3-16-9-18	43-047-35813	ML-48378	3.5
6	Wells Draw ST 7-36	43-013-30934	ML-21835	3.4
7	Prewitt 10-24	43-013-31865	Fee	3.2
8	W Draw ST N-32-8-16	43-013-34146	ML-45555	2.4
9	Wells Draw 2-32-8-16	43-013-32220	ML-21836	2.3
10	GMBU N-2-9-15	43-013-50910	ML-43538	2.2
11	GMBU M-2-9-15	43-013-50909	ML-43538	2.1
12	Moon 1-29-4-2	43-013-50006	Fee	2.0
13	Moon 1-20-4-2	43-013-50008	Fee	2.0
14	State 1-36-8-15	43-013-34234	ML-21835	2.5
15	Ashley ST 6-2-9-15	43-013-32584	ML-43538	1.10
16	Allen Trust 2-24	43-013-31944	Fee	1.9
17	Lamb 4-34-4-1E	43-047-40272	Fee	1.5
18	Wells Draw 4-32-8-16	43-013-32222	ML-21836	1.8
19	Greater Mon Butte T-36-8-16	43-013-50211	ML-22061	1.8
20	Williams #14-8-4-2	43-013-50617	Fee	1.8
21	Hancock 11-21-4-1	43-013-33242	Fee	1.5
22	Malnar 9-19-4-1	43-013-33913	Fee	1.2
23	Hancock 16-20-4-1	43-013-33914	Fee	1.0
24	State 12-36-8-15	43-013-34224	ML-21835	2.1
25	State 4-36-8-15	43-013-34231	ML-21835	1.4
26	Roberts 4-19-4-1	43-013-50072	Fee	1.1
27	Mon Butte East K-36-8-16	43-013-50112	ML-22061	1.1
28	S Mon Butte ST N-2-9-16	43-013-50117	ML-21839	1.4
29	Wilcken 16-23-4-2	43-013-50304	Fee	1.0
30	Hancock 12-7-4-1W	43-013-50422	Fee	1.3
31	State 1-16-9-18	43-047-35811	ML-48378	1.6
32	Lamb 1-34-4-1E	43-047-40275	Fee	1.1

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

December 14, 2016

CERTIFIED MAIL NO.: 7015 0640 0003 5276 0525

43 013 34146
W Draw St N-32-8-16
32 8S 16E

Ms. Assiya Bekniyazova
Newfield Production Company
4 Waterway Square PL, STE 100
The Woodlands, TX 77380

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Ms. Bekniyazova:

As of August 2016, Newfield has thirty-two (32) State and Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas and Mining with the following:

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UTAH DNR OIL, GAS & MINING

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4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

All Submittals should be sent via ePermit

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet
Petroleum Engineer

DKD/DD/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

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5	State 3-16-9-18	43-047-35813	ML-48378	3.5
6	Wells Draw ST 7-36	43-013-30934	ML-21835	3.4
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8	W Draw ST N-32-8-16	43-013-34146	ML-45555	2.4
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13	Moon 1-20-4-2	43-013-50008	Fee	2.0
14	State 1-36-8-15	43-013-34234	ML-21835	2.5
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29	Wilcken 16-23-4-2	43-013-50304	Fee	1.0
30	Hancock 12-7-4-1W	43-013-50422	Fee	1.3
31	State 1-16-9-18	43-047-35811	ML-48378	1.6
32	Lamb 1-34-4-1E	43-047-40275	Fee	1.1